



**November 1988**  
**The Labour Force**  
**Australia**

**[Including a feature article on  
unemployed persons]**

**Catalogue No. 6203.0**

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## EXPLANATORY NOTES

NOTE: This issue contains an article *Reason for unemployment* and two new tables. Table 41 shows estimates of unemployed persons by reason for unemployment. Table 42 shows estimates of unemployed persons who had worked full time for two weeks or more in the past two years by reason for ceasing last full-time job, by industry and occupation of that job. These additional tables will continue to be published each month.

### Introduction

1. This publication contains estimates of the civilian labour force derived from the labour force survey part of the monthly population survey. Estimates of the labour force characteristics of family members and of family composition are also included.
2. Estimates of the civilian labour force are available for about fifty regions across Australia and are shown in various publications produced by State offices of the ABS. For details, see the list of related publications provided in paragraph 76.
3. Preliminary survey results are published in advance of this more detailed publication in *The Labour Force, Australia, Preliminary* (6202.0).
4. Although emphasis in the population survey is placed on the regular collection of specific data on demographic and labour force characteristics of the population, supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from these surveys are published and are available on request. A list of survey publications on labour force and related topics is shown later in this publication.

### The population survey

5. The population survey is based on a multi-stage area sample of private dwellings (about 31,000 houses, flats, etc.) and a list sample of non-private dwellings (hotels, motels, etc.), and covers about three-fifths of one per cent of the population of Australia. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the reference week).

### Scope

6. The labour force survey includes all persons aged 15 and over except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (c) overseas residents in Australia; and

(d) members of non-Australian defence forces (and their dependents) stationed in Australia.

### Coverage

7. In the labour force survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection. The coverage rules are, necessarily, a balance between theoretical and operational considerations. Nevertheless, the chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible. See paragraph 70 for information about the effect of the coverage rules on family statistics.

8. Persons who are away overseas from their usual residence for less than six weeks at the time of interview are generally enumerated at their usual residence when relevant information can be obtained from other usual residents present at the time of the survey. Persons who, at the time of interview, are overseas for six weeks or more but for less than twelve months are included in the estimates on the assumption that their labour force characteristics are similar to those of the persons responding in the survey.

### Definitions

9. The labour force category to which a person is assigned depends on the *actual activity* undertaken during the reference week (i.e. whether working, looking for work, etc.). The following definitions, which conform closely to the international standard definitions specified by the International Labour Office (ILO), relate only to those persons within the scope of the survey.

10. *Employed persons* comprise all those aged 15 and over who, during the reference week:

- (a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (comprising employees, employers and self-employed persons); or
- (b) worked for one hour or more without pay in a family business or on a farm (i.e. unpaid family helpers); or
- (c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the reference week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or
- (d) were employers, self-employed persons or unpaid family helpers who had a job, business or farm, but were not at work.

11. *Full-time workers* are those who usually worked 35 hours or more a week (in all jobs) and others who, although usually part-time workers, worked 35 hours or more during the reference week. *Part-time workers* are those who usually worked less than 35 hours a week and who did so during the reference week. When recording hours of work, fractions of an hour are disregarded.

12. *Hours of work.* The estimates of aggregate hours and of average hours refer to actual hours worked during the reference week, not hours paid for. The estimates may be affected by public holidays, leave, absenteeism; temporary absence from work due to sickness, injury, accident and industrial disputes; and stoppages of work due to bad weather, plant breakdown, etc. When hours of work are recorded, fractions of an hour are disregarded and this results in slightly lower estimates than would be the case if actual time worked was recorded. Persons stood down for the whole of the reference week without pay because of bad weather or plant breakdown at their place of employment are regarded as employed and therefore are included (working no hours) in the calculation of average hours worked. Persons stood down in the reference week for reasons other than bad weather and plant breakdown and waiting to be called back to their job are regarded as unemployed and are excluded from the calculations.

13. The *employment/population ratio* for any group is the number of employed persons expressed as a percentage of the civilian population aged 15 and over in the same group.

14. *Unemployed persons* are those aged 15 and over who were not employed during the reference week, and

(a) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the reference week and:

(i) were available for work in the reference week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the reference week); or

(ii) were waiting to start a new job within four weeks from the end of the reference week and would have started in the reference week if the job had been available then;

or (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the reference week (including the whole of the reference week) for reasons other than bad weather or plant breakdown.

15. *Actively looking for work* includes writing, telephoning or applying in person to an employer for work; answering a newspaper advertisement for a job; checking factory or Commonwealth Employment Service noticeboards; being registered with the Commonwealth Employment Service; checking or registering with any other employment agency; advertising or tendering for work; and contacting friends or relatives. The active steps

were asked in the order shown in the table in this publication showing unemployed persons classified by active steps taken. Since only one response was recorded for each person asked this particular question, the estimates do not reflect the relative importance of the steps taken to find work.

16. *Unemployed persons looking for first job* are those who had never worked full time for two weeks or more.

17. The *labour force* comprises all persons who, during the reference week, were employed or unemployed, as defined above.

18. The *unemployment rate* for any group is the number unemployed expressed as a percentage of the labour force in the same group.

19. *Duration of unemployment* is the period from the time the person began looking for work or was stood down to the end of the reference week. Thus the survey measures current (and continuing) periods of unemployment rather than completed spells. For persons who may have begun looking for work while still employed, the duration of unemployment is defined as the period from the time the person last worked full time for two weeks or more to the end of the reference week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration. *Average duration* is obtained by dividing the aggregate number of weeks a group has been unemployed by the number of persons in that group. *Median duration* is the duration which divides unemployed persons into two equal groups, one comprising persons whose duration of unemployment is above the median and the other, persons whose duration is below it.

20. *Unemployed persons classified by industry and occupation.* Unemployed persons who had worked full time for two weeks or more in the last two years are classified according to the industry and occupation of their most recent full-time job. *Unemployment rates* by industry and occupation are only available for February, May, August and November.

21. *Persons not in the labour force* are those who, during the reference week, were not in the categories employed or unemployed, as defined above. They include persons who were keeping house (unpaid), retired, voluntarily inactive, permanently unable to work, persons in institutions (hospitals, gaols, sanatoriums, etc.), trainee teachers, members of contemplative religious orders, and persons whose only activity during the reference week was jury service or unpaid voluntary work for a charitable organisation. Specific surveys of persons not in the labour force indicate that a number want to work but are not classified as unemployed because they were not actively looking for work and/or were not available to begin work in the reference week. Included in this group are the discouraged jobseekers and other persons marginally attached to the labour force.

22. The *labour force participation rate* for any group is the labour force expressed as a percentage of the civilian population aged 15 and over in the same group. It is not

practicable to collect information about school or tertiary educational institution attendance or birthplace for persons in institutions (who are classified not in the labour force). Participation rates for persons classified by birthplace are calculated using population estimates which exclude those in institutions. Participation rates for persons classified by school or tertiary educational institution attendance are calculated using population estimates which include those in institutions. Paragraph 23 contains more details about persons classified by school or tertiary educational institution attendance.

23. *Persons attending school or tertiary educational institution.* Persons attending school comprise those aged 15 to 19 who, during the reference week, were enrolled full time at secondary or high schools. Persons attending a tertiary educational institution, comprise those aged 15 to 24 who were enrolled full time at universities, colleges of advanced education, technical colleges, colleges of technical and further education and theological colleges. Excluded are persons enrolled at coaching and business schools. Persons attending school or a tertiary educational institution are classified as in the labour force if they were employed or unemployed as defined above. In tables classified by attendance at school or a tertiary educational institution, institutionalised persons are included in the category "Not in the labour force, attending neither school nor a tertiary educational institution full time".

24. Persons classified by *labour force status* are classified according to whether or not they are in the labour force. Persons in the labour force classified by *employment status* are classified according to whether they are employed or unemployed. The February, May, August and November issues of this publication include tables showing estimates of employed persons, obtained from the labour force survey, classified by *status of worker* i.e. whether they were employers, self-employed persons, wage and salary eaters (employees), or unpaid family helpers.

25. *Industry* is classified according to the *Australian Standard Industrial Classification (ASIC) 1983* (1201.0 and 1202.0) and *occupation* according to the *Australian Standard Classification of Occupations (ASCO) 1986* (1222.0).

26. Occupational data classified to ASCO was introduced for the August 1986 survey, replacing the *Classification and Classified List of Occupations (CCLO), Revised November 1980* used in previous surveys. The new classification relies on the level and specialisation of skill required to satisfactorily perform primary tasks as its classificatory variable and is therefore significantly different from the previous classification. The appendix in the August 1986 issue of this publication contains a more detailed explanation of the concepts and structure underlying the classification.

27. A matrix of the two classifications at the broadest classification level (Major Group) was given in Table 41 of the August 1986 issue of this publication. The estimates contained in the matrix were derived from a subsample of respondents in the May 1986 Labour Force Survey. The responses to questions on the occupations of

employed persons were coded to both ASCO and CCLO classifications and the matrix was produced by cross-classifying ASCO Major Groups by CCLO Major Groups. A similar matrix, but on the basis of Minor Groups, is available also. More information is available on request from the contact officer whose name appears on the front of this publication.

28. In the labour force survey, persons are classified as *married* or *not married*. Marital status is determined from information supplied by the respondent about the individual himself or herself and, where the person was reported as being married, about the living arrangements of persons usually resident in the household. Therefore, marital status does not necessarily reflect legal status. Persons are classified as married if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey. The not-married category comprises persons who have never married, or are separated, widowed or divorced, as well as those who, although reported as being married, did not have a spouse who usually lived in the household. Persons who live in a de facto relationship but do not volunteer this information when asked whether they are married are classified as not married. For details of discontinuities in estimates of marital status, see paragraph 44.

29. The determination of *family relationships* and composition is complex, involving many factors. The following description outlines the major principles used for this survey. A *family* is defined to consist of two or more related persons usually resident in the same household at the time of the survey. A family comprises a married couple or a family head (as defined in paragraph 31) together with any persons having any of the following relationships to them:

- (a) sons or daughters of any age, if not married and with no children of their own present;
- (b) other relatives if not accompanied by a spouse, sons or daughters, or parents of their own; or
- (c) any children under 15 years of age who do not have a parent present.

30. The following points should be noted in relation to the definition of a family in the previous paragraph:

- (a) the term *relationship* includes relationships by blood, marriage or adoption;
- (b) a family, as defined, can contain no more than two married persons, and can contain two married persons only if these persons are husband and wife (referred to as *married-couple families*);
- (c) *other families* are families other than married-couple families as defined above. From the definition of married and not married in paragraph 28 it can be seen that the heads of other families must, by definition, be not married. In addition to one-parent families, this category includes families in which there is no parent, for example a family head living with a brother or sister;

(d) persons are defined as *not a member of a family* if they are not related to any other member of the household in which they are living. A person is considered to be *living alone* if he or she is the sole member of a household. Thus, a person who is the sole occupant of a self-contained flat attached to another dwelling is considered to be living alone;

(e) the terms *usually reside* and *present* are synonymous, and refer to persons who were identified by the respondent as usual residents of the household at the time of the survey.

31. The *family head* of an *other family* is the parent in the case of a one-parent family or, in the case of other groups of related persons, is generally defined to be the eldest person in the family. No family head is defined for a married-couple family.

32. *Dependents* (previously described as *dependent children*) comprise all family members under 15 years of age; all family members aged 15 to 19 attending school; and all family members aged 15 to 24 who are full-time students at a tertiary or further educational institution.

33. The areas determining the six *State capital cities* are the Statistical Divisions for those capital cities defined in *Australian Standard Geographical Classification (ASGC) Manual, Edition 3* (1216.0). Capital City Statistical Divisions are predominantly urban in character and the boundaries are delineated to contain the anticipated urban development of the capital cities (and associated urban centres) for a period of at least 20 years.

#### Population benchmarks

34. Labour force survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated distribution of the population aged 15 and over by age and sex. This procedure compensates for under-enumeration in the survey, and leads to more reliable estimates. The independent population statistics (benchmarks) are the latest available estimates at the time the labour force survey is conducted, but they usually differ from the official population estimates subsequently published in *Australian Demographic Statistics* (3101.0) because they are derived from incomplete information about population changes.

35. New benchmarks based on the results of the 1986 Census of Population and Housing will be available in 1988 and are expected to be introduced in the February 1989 issue of *The Labour Force, Australia, Preliminary* (6202.0). They will result in labour force estimates being revised for the period January 1984 to January 1989. All estimates produced after January 1989 are expected to be based on the new benchmarks.

#### Revision of series

36. Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each census of population and housing, and when population estimation bases

are reviewed. These revisions affect unadjusted, seasonally adjusted and trend estimates. The last such revision was made in February 1984 to take account of the results of the 1981 Census, which affected all the monthly estimates from February 1978 to January 1984.

37. Following the change in official population estimates to a place of usual residence basis after the 1981 census, the population benchmarks used in the estimation of labour force survey data are compiled according to place of usual residence. For an explanation of the conceptual basis of population estimates see *Information Paper: Population Estimates: An Outline of The New Conceptual Basis of ABS Population Estimates* (3216.0). To coordinate with the new benchmarks, the labour force survey questionnaire was changed in October 1982 to enable identification of each respondent's place of usual residence. The estimates shown in this publication are based entirely on place of usual residence. Prior to October 1982, the estimates are based on a combination of place of enumeration and place of usual residence.

38. Until February 1978, surveys were conducted in February, May, August and November each year from 1964. From February 1978 the survey has been conducted on a monthly basis.

39. The questionnaire used in the survey for the collection of labour force data has been revised a number of times, the latest occasion being for the April 1986 survey. Details of these changes have been published in *Information Paper: Questionnaires Used in the Labour Force Survey* (6232.0) in March 1978, December 1981, August 1984 and June 1986.

40. The latest revision to the questionnaire, in April 1986, follows the extension of the definition of employed persons to include persons who worked without pay between 1 and 14 hours per week in a family business or on a farm (i.e. unpaid family helpers). This new definition aligns the Australian labour force concepts with a set of changed international definitions adopted by the International Labour Office at the 13th Conference of Labour Statisticians in October 1982.

41. Previously, such persons who worked 1 to 14 hours, or who had such a job but were not at work, were defined as either unemployed or not in the labour force, depending on whether they were actively looking for work. In order to assist users to assess the impact of the change, estimates for March 1986 based on the new definition were shown in footnotes to Tables 1 and 2 of the February, March and April 1987 issues of this publication.

42. A revised procedure for weighting families estimates, as presented in this publication, was also introduced in April 1986. Additional tables were included in the April 1986 issue of this publication to show the impact of this new procedure. Paragraph 72 contains more details.

#### Comparability of series

43. As noted in paragraphs 36 and 37, estimates from February 1978 have been revised to conform to revised population estimates following the 1981 Census, and are



thus not strictly comparable with estimates for periods prior to February 1978 which have not been revised. The appendix to the February 1984 issue of this publication contains adjustment factors enabling users to calculate the expected effect of the revisions to estimates for periods prior to February 1978.

44. Paragraph 28 outlines the definition of marital status now used in the labour force survey. In conjunction with the revision of estimates back to February 1978 to conform to revised population estimates, a revision to take account of the new definition of marital status was also applied. Consequently, estimates of marital status contained in this publication are not comparable with estimates published before the February 1984 issue which classified as married all respondents who reported that they were married or separated. The revision to the marital status classification was undertaken in two parts. First, for all surveys from February 1978, persons who reported that they were separated, were reclassified as not married. Second, from June 1983 onwards, the not-married category was expanded to also include persons who, although reported as married, did not have a spouse who was a usual resident of the household at the time of the survey.

45. Comparability with estimates produced from the quarterly survey of employment and earnings is affected by the use of a different survey methodology and definitions. The labour force survey provides estimates of people in jobs whereas the survey of employment and earnings provides an estimate of the number of jobs held by wage and salary earners. A more detailed description of the differences between these two series is provided in *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0).

#### Survey sample redesign

46. The LFS sample has been redesigned and reselected using information collected in the 1986 Population Census. The new sample was phased in over the period September to December 1987. For details, see *Information Paper: Labour Force Survey — Sample Design* (6269.0).

47. The sampling fraction differs for States and Territories. This enables estimates of reasonable accuracy to be produced for all States and Territories as well as for Australia. Sampling fractions for each State and Territory are as follows: New South Wales and Victoria 1 in 230; Queensland, 1 in 160; Western Australia, South Australia, Northern Territory and Australian Capital Territory, 1 in 115; and Tasmania, 1 in 70.

#### Reliability of the estimates

48. Estimates in this publication are subject to two sources of error:

- (a) sampling error: since the estimates are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. More information on this topic is

given in the Technical Note; and

- (b) non-sampling error: inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

#### Differences between population census and population survey estimates

49. The results of the 1986 Census of Population and Housing show that labour force figures derived from the census differ from estimates derived from the labour force surveys.

50. The broad concepts underlying the measures of the labour force and its components, employment and unemployment, are similar in the census and the surveys. However there are considerable differences in both the collection methodology adopted (including the detailed questions asked) and estimation procedures. Factors contributing to differences in estimates include under-enumeration in the population census for which census labour force estimates have not been adjusted, the use in the labour force survey of population benchmarks derived from incomplete information about population change (see paragraphs 34 and 35), the inclusion of permanent defence forces in census estimates, the personal interview approach adopted in the survey as opposed to self-enumeration of census schedules, differing questions used to determine labour force characteristics (particularly the identification of unemployed persons) and differing methods of adjustment for non-response to the survey or census.

51. The labour force survey provides detailed and up-to-date estimates of employment and unemployment for Australia, States and regions, whereas the census of population and housing provides counts for small areas but in less detail than is available from the survey.

52. These considerations should be borne in mind if comparisons are made between population census and labour force survey estimates.

#### Seasonal adjustment

53. Seasonally adjusted series are published in Tables 2 and 8. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

54. As happens with all seasonally adjusted series, the seasonal factors are reviewed annually to take account of each additional year's original data. The latest review, in



February 1988, revised the Australian and State seasonally adjusted and trend monthly series back to February 1978. Information about the method of adjustment and revised seasonally adjusted and trend estimates for all months since January 1982 for Australia and the States were published in the appendix of the February 1988 publication.

55. It is possible that the seasonality of employment, unemployment and the labour force participation has been affected by the changed pattern of school holidays in some States.

56. The impact of these changes on seasonally adjusted estimates of labour force characteristics cannot be assessed at this stage.

#### Trend estimation

57. Smoothing seasonally adjusted series produces a measure of trend by reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time. Tables 3 and 9 show trend estimates for the past 14 months, while the appendix to the February 1988 issue shows estimates for the six States and Australia back to January 1982. Data from February 1978 are available on the ABS on-line data dissemination service, AUSSTATS. The trend series of the participation rate for married females are based on smoothed population estimates.

58. While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller, and after three months have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors mentioned above in paragraph 54.

59. Users may wish to refer to the ABS Information Papers *A Guide to Smoothing Time Series — Estimates of 'Trend'* (1316.0), and *Time Series Decomposition — An Overview* (1317.0) for more detailed information on producing trend estimates by smoothing seasonally adjusted time series data.

#### Month-to-month movements

60. Care should be taken in the interpretation of month-to-month movements in these estimates. Survey estimates are subject to sampling and non-sampling variability as explained in paragraph 48. Particular care should be taken in the interpretation of the recent original and seasonally adjusted monthly movements as these may have been affected by the changed pattern of school holidays in some States. Trend estimates are expected to be relatively unaffected by these changes.

#### Gross flows

61. In order to minimise respondent burden and at the same time maintain continuity within the population survey sample, one eighth of the dwellings in the sample (except the large non-private dwellings) are replaced after

each survey. Adoption of this rotation procedure, whereby about seven-eighths of the sample remains unchanged from one month to the next, enables more reliable measurements of changes in the labour force characteristics of the population to be made than would be possible if a new sample were introduced each month.

62. Because a high proportion of private dwellings selected in one survey remains in the sample for the following survey, it is possible to match the characteristics of most of the persons in those dwellings from one month to the next, to record any changes that occur, and hence to produce estimates of *flows* between the different categories of the population and labour force.

63. The procedures used to select persons in non-private dwellings preclude the possibility of matching any of them who may be included in successive surveys. For this and other reasons, including the mobility of the population and non-response in either or both surveys, about 10 per cent of persons in those dwellings which are included in the sample in successive months cannot be matched. Those who can be matched represent about 80 per cent of all persons in the survey.

64. Changes in the characteristics of this latter group are shown in the gross flows table. About one half of the remaining (unmatched) 20 per cent of persons in the survey are likely to have characteristics similar to those in the matched group, but the characteristics of the other half are likely to be somewhat different.

65. Gross flow estimates relate only to those persons in private dwellings for whom information was obtained in successive surveys. The expansion factors used in calculating the estimates were those applying to the second of each pair of months.

66. Although it is not possible to provide gross flow estimates for all persons in the survey it is considered that the estimates derived from matched records will be a useful guide to the magnitude of the movements between categories which underlie the changes in monthly levels. When comparing flows for different periods it is important to take into account the population represented by the matched sample, as shown in the last line of the table.

67. While every effort is made to reduce non-sampling errors to a minimum, any such errors affecting labour force status will tend to accumulate in the gross flow statistics rather than to cancel out. The estimates are also subject to sampling variability, as explained in the Technical Note. For these reasons the estimates of flows should be used with caution. The standard errors may be obtained from Table A of the Technical Note.

68. Estimates of total flows into or out of the employed category may be less than the sum of the estimates for employed full-time and employed part-time as the estimates for the latter two categories include movements between these two categories.

### Labour force status and other characteristics of families

69. As a part of survey procedures, family relationships are determined each month, enabling both the estimation of persons cross-classified by their family status and the estimation of families. This publication contains tables showing the labour force status and family status of individuals and families classified by family type, number of family members, the labour force status of persons within families, the number of children aged 0-14 present and, from the May 1986 issue onwards, the number of dependents present.

70. Because of the coverage rules of the population survey which associate persons with particular dwellings so that each person has an equal chance of selection in the survey, persons who usually live with other members of their family may be enumerated, at the time of the survey, as not living with all the usual members of their family. This situation is more likely for persons who are enumerated as visitors to other private dwellings or as persons staying in non-private dwellings (hotels, caravan parks, hospitals, etc.). The determination of family structure and family characteristics in such cases is most difficult. Thus, family information is not obtained for the following persons:

- (a) all persons enumerated in non-private dwellings (including hotels, motels, hospitals and other institutions); and
- (b) persons enumerated as visitors to (rather than usual residents of) private dwellings.

71. In addition, in those private dwellings where it is not possible to obtain information relating to all the usual residents, no family information is recorded. Thus the family characteristics of persons living in families which include a member of the permanent defence forces, who is outside the scope of the population survey, are not determined because family information cannot be obtained from each usual resident. Similarly, families in which one or more members are away from the usual residence at the time of the survey are also excluded from family determination. A summary of those persons for whom family information is obtained as well as those usual residents of private dwellings for whom complete family information cannot be obtained, and those persons specifically excluded from the family determination procedures is contained in the family tables. Generally, family status is determined for more than 90 per cent of all civilians aged 15 and over.

72. Estimates of the number of families in this publication differ from those in publications prior to the April 1986 issue. This is due to the adoption of a new weighting procedure where the weight for a family is determined using an average of the weights for all family members responding to the labour force survey. Previously, the weight used to derive estimates of the number of families was determined by nomination of a proxy 'head of household' as representative of the family.

73. Revised data for March 1986 using the new weighting procedure for families and the revised definition of employed persons were shown in the April 1986 issue of this publication. Revised data for March 1986 using the new weighting procedure for families and the old definition of employed persons as well as data using the old weighting procedure for families and the new definition for employed persons are available on request.

### Additional data

74. Estimates for employed persons classified by industry, occupation and status of worker are available each February, May, August and November, and the following tables are published in issues of this publication for those months:

Employed persons—  
 Industry and occupation—  
     Full-time and part-time workers  
     Status of worker  
     Age and birthplace  
 Hours worked  
 Industry by occupation  
 Industry subdivisions  
 Major and minor occupation groups.

75. In some cases, the ABS can also make available information which is not published. This information may be made available in one or more of the following forms: floppy disk, microfiche, photocopy, data tape, computer printout, manually-extracted tabulation. In general, a charge is made for providing unpublished information. Inquiries should be made to the officer whose name appears in the *Phone Inquiries* section at the front of this publication, or to Information Services in the nearest ABS office.

### Related publications

76. Users may also wish to refer to the following publications which relate to the labour force and are available on request:

*The Labour Force, Australia, Preliminary* (6202.0)—issued monthly

*The Labour Force, Australia: Historical Summary, 1966 to 1984* (6204.0)

*The Labour Force, New South Wales* (6201.1)—issued quarterly

*The Labour Force, Victoria* (6202.2)—issued quarterly

*Information Paper, Victorian Labour Force Statistics* (6262.2)

*The Labour Force, Queensland* (6201.3)—issued quarterly

*The Labour Force, South Australia* (6201.4)—issued quarterly

*Labour Force Statistics, Tasmania 1985* (6201.6)

*Monthly Summary of Statistics, Tasmania* (1303.6)—issued monthly

*Labour Statistics, Australia, 1986 (6101.0)—issued annually*

*A Guide to Labour Statistics (6102.0)*

*Information Paper: Questionnaires Used in the Labour Force Survey, June 1986 (6232.0)*

*Employed Wage and Salary Eaters, Australia (6248.0)—issued quarterly*

*Persons Not in the Labour Force, Australia (6220.0)—issued annually*

*Labour Force Status and Other Characteristics of Families, Australia, June 1988 (6224.0)—issued annually*

*Social Indicators No. 4, 1984 (4101.0)*

*Information Paper: Comparison of Employment Estimates From the Labour Force Survey and the Survey of Employment and Earnings (6263.0)*

*A Guide to Smoothing Time Series — Estimates of 'Trend' (1316.0)*

*Time Series Decomposition — An Overview (1317.0)*

*Information Paper: Labour Force Survey — Sample Design (6269.0)*

*Information Paper: Labour Force Survey — Measuring Teenage Unemployment (6270.0)*

*Technical Paper: The Labour Force, Australia: Preliminary Data on Floppy Disk — Technical Details (6271.0)*

77. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia (1101.0)*. The ABS also issues, on Tuesdays and Fridays, a *Publications Advice (1105.0)* which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

#### Unpublished statistics

78. As well as the statistics included in this and related publications, the ABS may have other relevant unpub-

lished data available. Inquires should be made to the contact in the Phone Enquires box at the front of this publication.

#### Symbols and other usages

- \* subject to sampling variability too high for most practical uses. See paragraph 6 of the Technical Note
- n.a. not available
- .. not applicable
- n.e.c. not elsewhere classified
- r revised

79. Estimates have been rounded and discrepancies may occur between sums of the component items and totals.

#### Electronic services

VIATEL. Key \*656# for selected current economic, social and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through CSIRONET.

For further information phone the AUSSTATS Help Desk on (062) 52 6017.

TELESTATS. This service provides foreign trade statistics tailored to users' requirements.

Further information is available on (062) 52 5404.

#### Floppy disk service

Selected ABS statistics are available on floppy disk. For further information phone (062) 52 6684.

IAN CASTLES  
Australian Statistician

**FEATURE ARTICLE:**  
**REASON FOR UNEMPLOYMENT**

## REASON FOR UNEMPLOYMENT

The ABS is aware of increasing demand for data on involuntary unemployment (or job losers). Such data provide a better understanding of labour market behaviour and the performance of the labour market, by way of identifying, quite broadly, the causes of unemployment.

To collect this specific information on a regular basis, three additional questions were included in the Labour Force Survey questionnaire from April 1986, to determine the reasons, either voluntary or involuntary, why persons ceased their last full-time job held within the last two years.

### Definitions

*Job losers* are those unemployed persons who have worked full time for two weeks or more in the past two years and left that job involuntarily, that is; were laid-off or retrenched from that job; left that job because of their own ill health or injury; the job was seasonal or temporary and they did not leave that job to return to studies; or their last job was running their own business and the business closed down because of financial difficulties.

*Job leavers* are those unemployed persons who have worked full time for two weeks or more in the past two years and left that job voluntarily, that is; because of unsatisfactory work arrangements/pay/hours; the job was seasonal, temporary or a holiday job and they left that job to return to studies; their last job was running their own business and they closed down or sold that business for reasons other than financial difficulties; or any other reasons.

*Former workers* are those unemployed persons who have previously worked full time for two weeks or more but not in the past two years.

*Unemployed persons looking for first job* are those persons who have never worked full time for two weeks or more.

*Stood down* are those unemployed persons who were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the reference week (including the whole of the reference week) for reasons other than bad weather or plant breakdown.

DIAGRAM 1: REASON FOR UNEMPLOYMENT

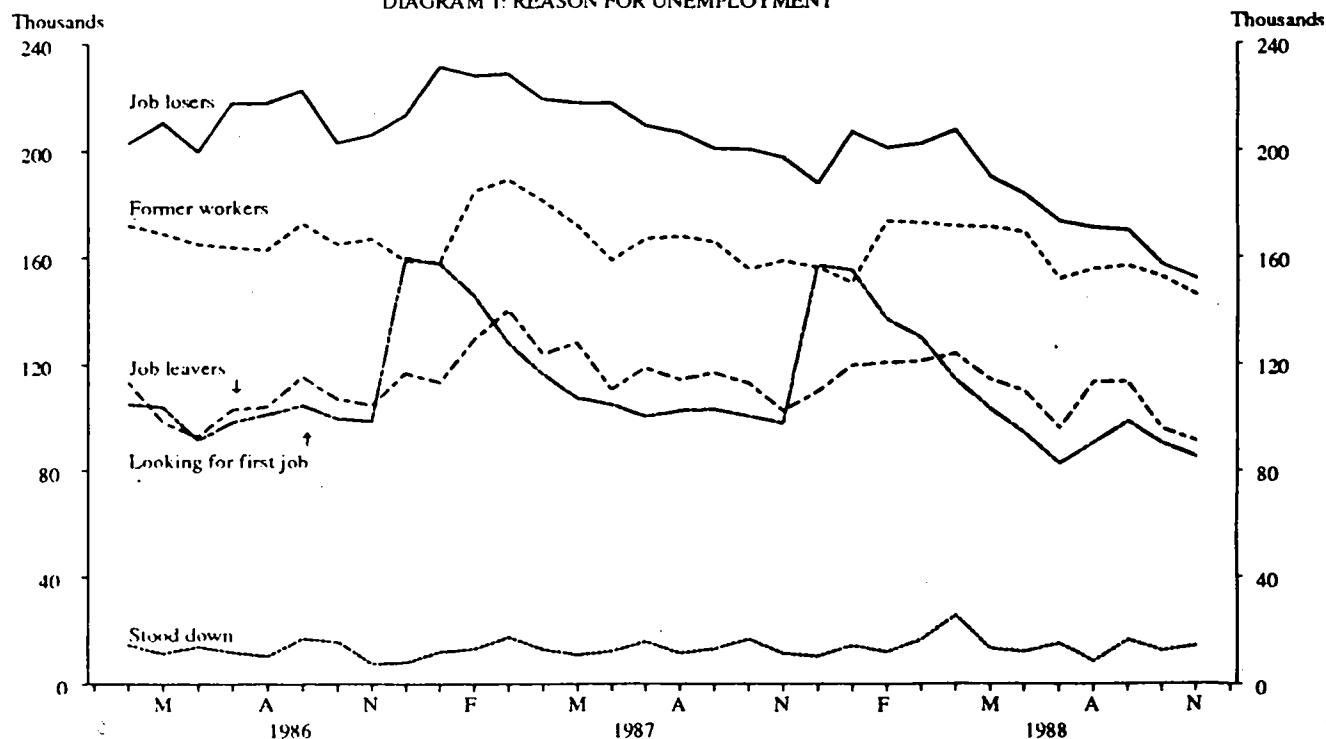
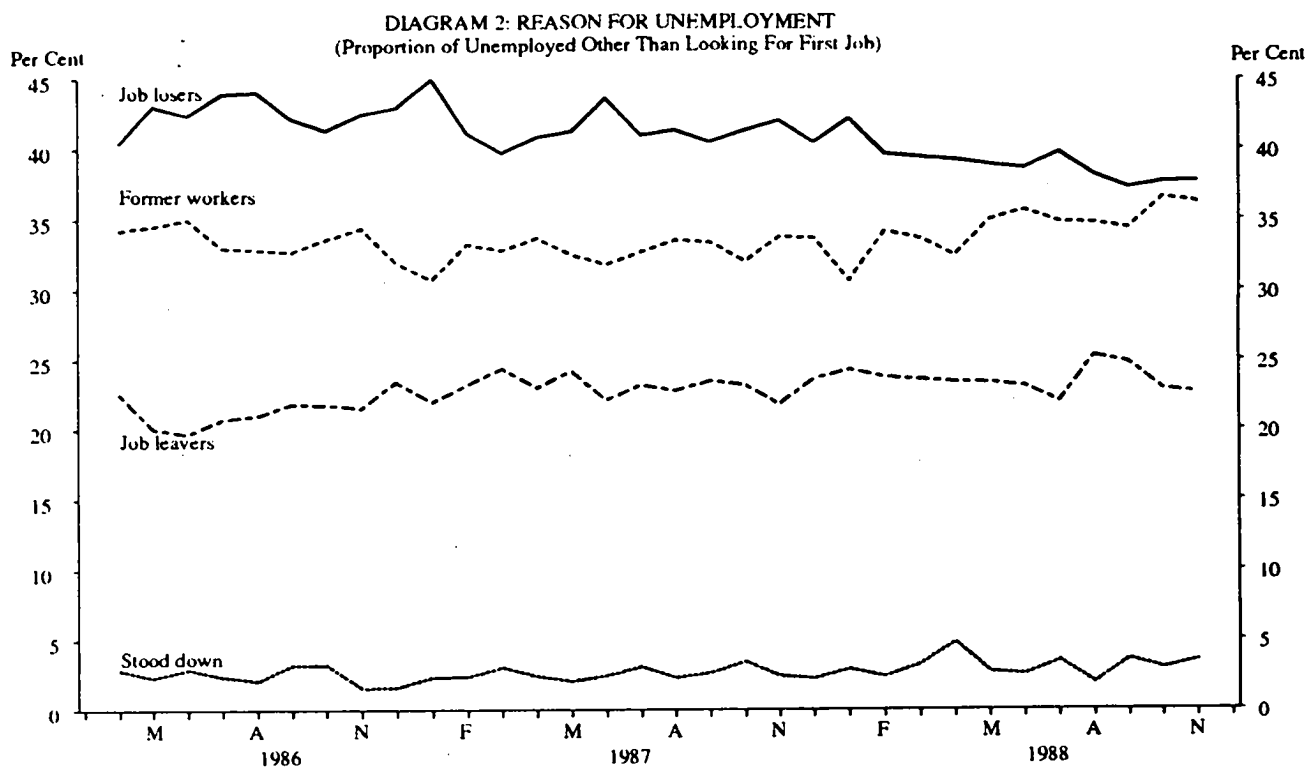


Diagram 1 above shows the number of unemployed persons by reason for unemployment. Some seasonal patterns appear to occur in the former workers and looking for first job series, but it will not be possible to thoroughly analyse the seasonality of these series until about 5 years of monthly data have been collected. In the absence of seasonally adjusted data it is instructive to examine statistics of unemployed persons other than those who were looking for their first job.



**DIAGRAM 3 : UNEMPLOYED PERSONS WHO HAD WORKED FULL TIME FOR TWO WEEKS OR MORE IN THE LAST TWO YEARS, NOVEMBER 1988**

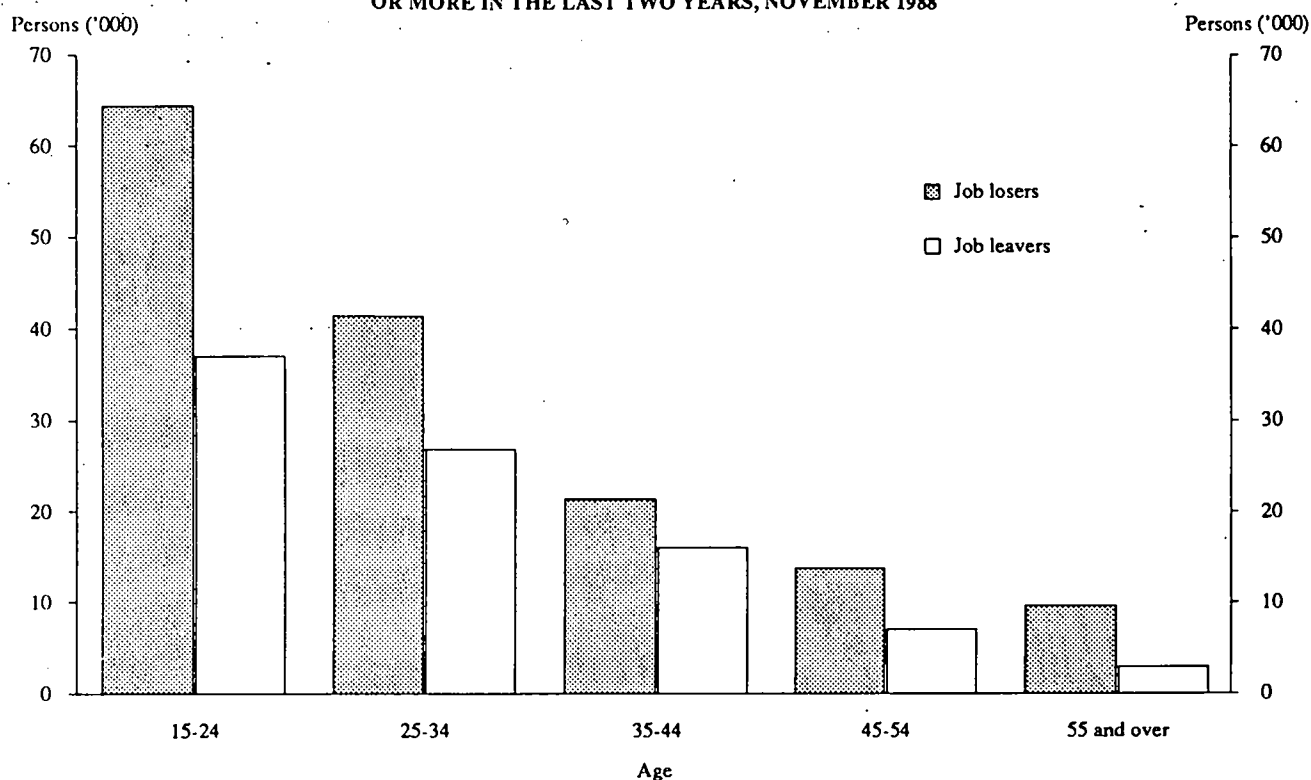


Diagram 3 shows that age is an important characteristic when considering unemployed persons who had had a full-time job lasting two weeks or more in the past two years. For November 1988:

- Just over two out of five of these persons were aged 15-24 years. Sixty three per cent of this age group were job losers.
- By comparison, just over one in twenty of all job losers and job leavers were aged 55 or more, and seventy five per cent of this age group were job losers. Of these job losers fifty four per cent were males who had been laid-off or retrenched (See Table 42).

Additional data available from Table 42 shows the industry and occupation of the last full-time job for persons in this group. In particular,

- Of the job losers who were laid-off or retrenched, twenty eight per cent were last employed in the Manufacturing industry, with four out of five of these persons being male. A further twenty eight per cent of the job losers who were laid-off or retrenched last worked full time in Wholesale and retail trade industries.
- Just over one third of the job losers who were laid-off or retrenched last worked full time in the occupation group Labourer and related worker. Within this group eighty one per cent were males.
- Just over one in five job leavers last worked full time in the Wholesale and retail trade industries, with a further one in five persons last working full time in the Manufacturing industry.
- About one in four job leavers were last employed full time in the Labourer and related worker occupation group, and a further twenty per cent were last employed as Salespersons or personal service workers.

#### Unpublished data

Further cross-classifications of job losers, job leavers, former workers etc. are available on request. This data can be cross-classified with other variables which may include finer level geographical disaggregation, country of birth, year of arrival in Australia, marital status and the status of worker in last full-time job (comprising employees, self employed, employers and unpaid family helpers).

For further information contact Bruce McClelland on (062) 52 6525.



# TABLES



TABLE 1. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER — continued

Month	Employed		Unemployed				Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work		Looking for part-time work	Total					
			Aged 15-19 looking for first job	Total							
					- '000 -						- per cent -
ALL FEMALES											
1987 -											
October	1,763.4	2,869.2	21.3	169.5	74.2	243.7	3,112.8	3,253.7	6,366.5	7.8	48.9
November	1,744.7	2,882.7	21.3	166.7	70.8	237.6	3,120.3	3,256.7	6,377.0	7.6	48.9
December	1,814.7	2,934.6	38.8	193.6	74.5	268.2	3,202.7	3,184.7	6,387.5	8.4	50.1
1988 -											
January	1,798.5	2,822.2	38.7	209.3	65.2	274.5	3,096.7	3,300.7	6,397.4	8.9	48.4
February	1,792.2	2,877.7	32.3	200.8	87.3	288.1	3,165.8	3,241.2	6,407.0	9.1	49.4
March	1,812.3	2,969.3	27.2	190.7	107.8	298.4	3,267.8	3,148.9	6,416.7	9.1	50.9
April	1,799.0	2,958.6	22.9	189.1	104.7	293.8	3,252.4	3,176.1	6,428.5	9.0	50.6
May	1,794.1	2,953.6	20.9	175.3	88.3	263.6	3,217.2	3,222.9	6,440.1	8.2	50.0
June	1,781.3	2,953.2	21.7	171.9	81.0	253.0	3,206.1	3,245.6	6,451.7	7.9	49.7
July	1,809.2	2,953.3	17.1	153.7	65.6	219.3	3,172.5	3,290.9	6,463.5	6.9	49.1
August	1,795.5	2,965.8	17.4	166.0	67.3	233.2	3,199.0	3,276.3	6,475.3	7.3	49.4
September	1,845.4	3,041.0	17.3	159.2	85.7	244.9	3,285.9	3,201.2	6,487.1	7.5	50.7
October	1,862.7	3,011.3	15.4	150.3	71.7	222.0	3,233.3	3,265.4	6,498.7	6.9	49.8
November	1,854.3	3,035.5	14.4	147.3	70.2	217.5	3,253.0	3,257.4	6,510.4	6.7	50.0
Standard error of -											
November 1988 estimates	12.8	15.1	1.8	5.0	3.6	5.8	15.5	15.5	..	0.2	0.2
Oct 88 to Nov 88 movements	10.3	12.3	1.7	4.0	3.0	4.6	12.7	12.7	..	0.1	0.2
PERSONS											
1987 -											
October	5,751.0	7,156.1	43.7	475.6	109.6	585.2	7,741.3	4,802.5	12,543.8	7.6	61.7
November	5,705.6	7,159.9	44.4	469.6	96.9	566.5	7,726.4	4,837.9	12,564.3	7.3	61.5
December	5,872.2	7,307.9	80.8	506.7	112.9	619.6	7,927.4	4,657.4	12,584.8	7.8	63.0
1988 -											
January	5,825.0	7,145.3	79.6	541.9	103.2	645.2	7,790.5	4,813.9	12,604.4	8.3	61.8
February	5,845.6	7,219.1	65.5	519.8	123.0	642.8	7,861.9	4,761.3	12,623.2	8.2	62.3
March	5,884.5	7,366.1	52.2	493.0	149.3	642.3	8,008.5	4,633.6	12,642.1	8.0	63.3
April	5,874.6	7,353.5	46.7	491.4	151.4	642.8	7,996.3	4,669.6	12,665.9	8.0	63.1
May	5,854.3	7,326.1	45.0	468.6	123.3	591.9	7,918.0	4,771.1	12,689.1	7.5	62.4
June	5,862.9	7,351.6	40.9	459.3	109.2	568.5	7,920.1	4,792.2	12,712.4	7.2	62.3
July	5,913.4	7,357.7	39.9	432.2	87.2	519.3	7,877.0	4,859.0	12,735.9	6.6	61.8
August	5,856.0	7,330.1	36.6	445.9	92.9	538.8	7,869.0	4,890.6	12,759.6	6.8	61.7
September	5,962.7	7,480.2	40.4	439.2	115.3	554.5	8,034.7	4,748.5	12,783.2	6.9	62.9
October	5,998.9	7,455.9	35.0	406.5	101.5	508.0	7,963.8	4,842.9	12,806.7	6.4	62.2
November	5,976.9	7,488.8	34.5	391.7	96.9	488.6	7,977.4	4,852.8	12,830.2	6.1	62.2
Standard error of -											
November 1988 estimates	18.7	20.0	2.7	7.3	4.2	8.0	20.4	17.5	..	0.1	0.2
Oct 88 to Nov 88 movements	15.9	17.3	2.3	5.8	3.5	6.3	17.7	14.7	..	0.1	0.1

TABLE 2. CIVILIAN LABOUR FORCE: SEASONALLY ADJUSTED SERIES

Month	Employed		Unemployed				Labour force	Unemployment rate - per cent -	Participation rate
	Full-time workers	Total	Looking for full-time work		Looking for part-time work	Total			
			Aged 15-19 looking for first job	Total					
MALES									
1987 -									
October	3,985.8	4,278.8	28.0	326.5	39.8	366.4	4,645.2	7.9	75.2
November	3,965.3	4,275.0	29.3	322.9	30.5	353.4	4,628.4	7.6	74.8
December	4,012.5	4,328.1	28.2	313.1	31.9	345.0	4,673.1	7.4	75.4
1988 -									
January	4,036.7	4,358.5	26.9	307.8	32.7	340.5	4,698.9	7.2	75.7
February	4,043.6	4,352.5	24.3	292.4	36.8	329.2	4,681.7	7.0	75.3
March	4,059.6	4,377.8	24.7	293.7	36.0	329.7	4,707.5	7.0	75.6
April	4,091.9	4,394.1	26.5	307.3	46.0	353.3	4,747.4	7.4	76.1
May	4,068.9	4,375.5	28.9	294.7	35.5	330.2	4,705.7	7.0	75.3
June	4,094.0	4,406.4	24.7	293.8	30.4	324.2	4,730.6	6.9	75.6
July	4,097.7	4,402.8	27.3	283.9	26.1	310.0	4,712.7	6.6	75.1
August	4,095.1	4,401.9	22.8	281.9	26.9	308.8	4,710.6	6.6	75.0
September	4,107.7	4,424.1	27.6	282.0	28.3	310.3	4,734.4	6.6	75.2
October	4,134.5	4,436.4	24.5	273.2	33.4	306.7	4,743.0	6.5	75.2
November	4,127.3	4,451.3	25.5	260.8	31.1	291.9	4,743.2	6.2	75.1
MARRIED FEMALES									
1987 -									
October	933.1	1,715.0	n.a.	60.1	38.6	98.7	1,813.7	5.4	48.5
November	918.5	1,706.1	n.a.	57.3	39.4	96.7	1,802.8	5.4	48.1
December	934.1	1,723.0	n.a.	61.2	39.8	101.0	1,824.0	5.5	48.8
1988 -									
January	955.2	1,767.5	n.a.	68.1	44.0	112.1	1,879.5	6.0	50.0
February	957.0	1,767.1	n.a.	59.4	40.1	99.5	1,866.6	5.3	49.5
March	964.7	1,778.0	n.a.	59.9	39.6	99.4	1,877.5	5.3	49.9
April	961.3	1,788.7	n.a.	55.3	48.4	103.6	1,892.3	5.5	49.9
May	956.5	1,789.0	n.a.	60.1	45.1	105.3	1,894.3	5.6	49.7
June	970.2	1,805.2	n.a.	59.9	40.9	100.9	1,906.0	5.3	49.8
July	970.3	1,787.8	n.a.	52.0	37.0	89.1	1,876.9	4.7	49.1
August	973.6	1,832.6	n.a.	63.4	32.7	96.1	1,928.7	5.0	50.1
September	980.0	1,837.5	n.a.	56.0	39.5	95.5	1,933.0	4.9	50.2
October	998.6	1,830.2	n.a.	58.9	35.8	94.8	1,925.0	4.9	50.0
November	997.0	1,829.9	n.a.	55.6	38.0	93.6	1,923.5	4.9	49.9
ALL FEMALES									
1987 -									
October	1,769.9	2,866.3	27.0	188.0	77.8	265.9	3,132.2	8.5	49.2
November	1,743.4	2,850.3	27.2	185.8	78.8	264.5	3,114.8	8.5	48.8
December	1,782.0	2,890.7	28.4	188.5	78.2	266.8	3,157.5	8.4	49.4
1988 -									
January	1,795.6	2,937.6	26.0	191.8	81.8	273.6	3,211.2	8.5	50.2
February	1,790.0	2,909.2	24.0	174.1	80.4	254.5	3,163.7	8.0	49.4
March	1,799.7	2,932.9	25.7	173.8	84.8	258.6	3,191.5	8.1	49.7
April	1,800.0	2,948.3	24.7	182.8	92.4	275.2	3,223.5	8.5	50.1
May	1,802.7	2,943.2	22.4	174.9	87.4	262.3	3,205.5	8.2	49.8
June	1,798.7	2,948.1	25.6	177.4	83.2	260.6	3,208.7	8.1	49.7
July	1,804.2	2,942.2	20.6	162.3	68.4	230.6	3,172.8	7.3	49.1
August	1,822.7	2,994.3	21.5	175.7	75.1	250.8	3,245.1	7.7	50.1
September	1,842.2	3,018.5	21.1	168.1	80.1	248.2	3,266.7	7.6	50.4
October	1,869.3	3,008.7	19.5	166.1	75.3	241.4	3,250.1	7.4	50.0
November	1,852.8	3,001.7	18.4	163.4	78.1	241.5	3,243.2	7.4	49.8
PERSONS									
1987 -									
October	5,755.7	7,145.2	55.0	514.6	117.6	632.2	7,777.4	8.1	62.0
November	5,708.7	7,125.3	56.5	508.7	109.2	617.9	7,743.2	8.0	61.6
December	5,794.4	7,218.8	56.7	501.6	110.1	611.8	7,830.6	7.8	62.2
1988 -									
January	5,832.3	7,296.0	52.9	499.6	114.5	614.1	7,910.1	7.8	62.8
February	5,833.6	7,261.7	48.3	466.6	117.2	583.7	7,845.4	7.4	62.2
March	5,859.2	7,310.8	50.4	467.5	120.8	588.3	7,899.0	7.4	62.5
April	5,891.9	7,342.4	51.1	490.1	138.4	628.5	7,970.9	7.9	62.9
May	5,871.6	7,318.7	51.3	469.6	122.9	592.5	7,911.2	7.5	62.3
June	5,892.7	7,354.5	50.2	471.2	113.6	584.8	7,939.3	7.4	62.5
July	5,902.0	7,345.0	48.0	446.2	94.5	540.6	7,885.6	6.9	61.9
August	5,917.8	7,396.2	44.3	457.6	102.0	559.5	7,955.7	7.0	62.4
September	5,949.9	7,442.6	48.6	450.1	108.4	558.5	8,001.1	7.0	62.6
October	6,003.8	7,445.1	44.0	439.3	108.8	548.1	7,993.2	6.9	62.4
November	5,980.1	7,453.0	43.9	424.2	109.2	533.4	7,986.4	6.7	62.2

TABLE 3. CIVILIAN LABOUR FORCE: TREND SERIES

Month	Employed		Unemployed				Labour force	Unemployment rate - per cent -	Participation rate
	Full-time workers	Total	Looking for full-time work		Looking for part-time work				
			Aged 15-19 looking for first job	Total	Total	Total			
MALES									
1987 -									
October	3,984.0	4,291.6	28.0	321.6	31.9	353.5	4,645.1	7.6	75.2
November	3,992.0	4,301.9	27.6	317.1	32.4	349.6	4,651.5	7.5	75.2
December	4,006.4	4,318.5	27.2	312.1	33.5	345.6	4,664.1	7.4	75.3
1988 -									
January	4,025.4	4,338.9	26.6	307.0	35.1	342.1	4,681.0	7.3	75.4
February	4,045.2	4,358.8	26.3	302.5	36.8	339.3	4,698.1	7.2	75.6
March	4,062.0	4,374.4	26.0	299.0	37.6	336.6	4,710.9	7.1	75.7
April	4,074.3	4,384.4	26.0	296.6	37.0	333.6	4,718.0	7.1	75.6
May r	4,082.7	4,390.8	26.1	294.7	35.2	329.9	4,720.7	7.0	75.5
June r	4,089.2	4,396.5	26.2	292.0	32.5	324.5	4,721.0	6.9	75.4
July r	4,096.3	4,404.1	26.0	287.9	30.2	318.0	4,722.1	6.7	75.3
August r	4,104.0	4,413.0	25.7	282.6	28.9	311.5	4,724.5	6.6	75.2
September r	4,112.3	4,422.9	25.4	277.3	28.8	306.0	4,729.0	6.5	75.1
October r	4,120.2	4,432.8	25.2	272.1	29.1	301.2	4,734.0	6.4	75.0
November	4,128.2	4,442.4	25.1	268.1	30.3	298.4	4,740.9	6.3	75.0
MARRIED FEMALES (a)									
1987 -									
October	925.4	1,714.5	n.a.	61.1	39.6	100.7	1,815.2	5.5	48.6
November	930.9	1,721.6	n.a.	61.0	39.7	100.7	1,822.3	5.5	48.7
December	938.5	1,733.5	n.a.	61.1	40.1	101.2	1,834.7	5.5	49.0
1988 -									
January	946.7	1,748.9	n.a.	61.2	41.2	102.4	1,851.3	5.5	49.3
February	954.1	1,764.3	n.a.	60.9	42.5	103.5	1,867.8	5.5	49.6
March	959.4	1,776.7	n.a.	60.1	43.4	103.5	1,880.3	5.5	49.8
April	962.4	1,785.8	n.a.	59.0	43.4	102.4	1,888.2	5.4	49.8
May r	964.3	1,793.5	n.a.	58.1	42.4	100.5	1,894.1	5.3	49.8
June r	966.6	1,801.0	n.a.	57.8	40.8	98.6	1,899.6	5.2	49.8
July r	971.1	1,809.7	n.a.	57.9	39.0	96.9	1,906.6	5.1	49.8
August r	977.1	1,818.4	n.a.	58.0	37.5	95.5	1,913.9	5.0	49.9
September r	983.7	1,826.2	n.a.	57.8	36.5	94.4	1,920.5	4.9	49.9
October r	990.0	1,832.3	n.a.	57.6	36.0	93.6	1,925.9	4.9	50.0
November	995.6	1,836.9	n.a.	57.1	36.1	93.2	1,930.1	4.8	50.1
ALL FEMALES									
1987 -									
October	1,756.5	2,860.1	27.7	187.2	78.5	265.8	3,125.9	8.5	49.1
November	1,765.5	2,874.5	27.5	186.7	78.8	265.5	3,140.0	8.5	49.2
December	1,775.6	2,891.2	26.8	185.5	79.5	265.0	3,156.1	8.4	49.4
1988 -									
January	1,785.3	2,908.2	26.2	183.9	81.4	265.3	3,173.5	8.4	49.6
February	1,792.7	2,922.3	25.6	181.9	83.9	265.8	3,188.1	8.3	49.8
March	1,796.7	2,931.7	25.0	179.3	85.6	264.9	3,196.7	8.3	49.8
April	1,798.5	2,938.2	24.3	176.9	85.6	262.5	3,200.8	8.2	49.8
May r	1,800.4	2,945.1	23.7	175.0	84.0	259.0	3,204.1	8.1	49.8
June r	1,805.2	2,954.8	23.1	173.4	81.4	254.8	3,209.6	7.9	49.7
July r	1,814.4	2,968.1	22.3	171.8	78.6	250.5	3,218.6	7.8	49.8
August r	1,826.0	2,982.2	21.4	169.8	76.7	246.5	3,228.8	7.6	49.9
September r	1,838.4	2,995.4	20.5	167.9	75.8	243.7	3,239.1	7.5	49.9
October r	1,849.9	3,006.4	19.7	166.2	75.5	241.7	3,248.1	7.4	50.0
November	1,859.6	3,015.1	19.1	165.1	76.0	241.1	3,256.2	7.4	50.0
PERSONS									
1987 -									
October	5,740.5	7,151.7	55.7	508.8	110.5	619.3	7,771.0	8.0	62.0
November	5,757.5	7,176.5	55.1	503.9	111.2	615.1	7,791.5	7.9	62.0
December	5,782.0	7,209.6	54.0	497.6	113.0	610.6	7,820.2	7.8	62.1
1988 -									
January	5,810.7	7,247.1	52.8	490.9	116.5	607.4	7,854.5	7.7	62.3
February	5,837.8	7,281.1	51.8	484.4	120.6	605.0	7,886.2	7.7	62.5
March	5,858.7	7,306.1	51.0	478.3	123.2	601.5	7,907.6	7.6	62.5
April	5,872.8	7,322.7	50.3	473.5	122.7	596.1	7,918.8	7.5	62.5
May r	5,883.2	7,335.9	49.8	469.7	119.2	588.9	7,924.8	7.4	62.5
June r	5,894.5	7,351.3	49.2	465.4	113.9	579.2	7,930.6	7.3	62.4
July r	5,910.7	7,372.2	48.3	459.7	108.8	568.5	7,940.7	7.2	62.3
August r	5,930.0	7,395.2	47.1	452.4	105.6	558.1	7,953.3	7.0	62.3
September r	5,950.7	7,418.3	45.9	445.2	104.6	549.7	7,968.1	6.9	62.3
October r	5,970.0	7,439.2	45.0	438.3	104.7	542.9	7,982.2	6.8	62.3
November	5,987.7	7,457.6	44.2	433.2	106.3	539.5	7,997.1	6.7	62.3

(a) See Explanatory Notes, Paragraph 57

TABLE 4. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:  
MARITAL STATUS, NOVEMBER 1988

	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work	Total					
	- '000 -								- per cent -	
Males	4,122.6	4,453.3	244.4	26.7	271.1	4,724.4	1,595.4	6,319.7	5.7	74.8
Married	2,788.2	2,914.8	107.2	3.5	110.7	3,025.5	864.0	3,889.4	3.7	77.8
Not married	1,334.4	1,538.5	137.1	23.2	160.4	1,698.9	731.4	2,430.3	9.4	69.9
Females	1,854.3	3,035.5	147.3	70.2	217.5	3,253.0	3,257.4	6,510.4	6.7	50.0
Married	1,005.9	1,863.9	50.8	35.0	85.9	1,949.7	1,904.9	3,854.6	4.4	50.6
Not married	848.5	1,171.6	96.5	35.2	131.7	1,303.3	1,352.5	2,655.8	10.1	49.1
Persons	5,976.9	7,488.8	391.7	96.9	488.6	7,977.4	4,852.8	12,830.2	6.1	62.2

TABLE 5. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:  
STATES AND TERRITORIES, NOVEMBER 1988

State or Territory	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work	Total					
- '000 -										
- per cent -										
MALES										
New South Wales	1,405.9	1,515.3	90.2	8.6	98.8	1,614.1	577.5	2,191.6	6.1	73.6
Victoria	1,083.2	1,167.1	44.4	6.2	50.6	1,217.7	425.9	1,643.6	4.2	74.1
Queensland	674.4	732.4	43.1	5.1	48.3	780.6	248.8	1,029.4	6.2	75.8
South Australia	343.8	374.5	26.7	* 1.6	28.3	402.8	138.8	541.5	7.0	74.4
Western Australia	401.6	432.0	23.5	3.2	26.6	458.6	131.3	590.0	5.8	77.7
Tasmania	107.4	115.6	11.7	* 0.6	12.3	127.9	41.9	169.7	9.6	75.3
Northern Territory	37.4	40.1	2.1	* 0.2	2.3	42.4	12.0	54.4	5.3	78.0
Australian Capital Territory	68.9	76.4	2.6	* 1.3	3.9	80.3	19.1	99.5	4.9	80.8
Australia	4,122.6	4,453.3	244.4	26.7	271.1	4,724.4	1,595.4	6,319.7	5.7	74.8
FEMALES										
New South Wales	651.8	1,028.2	54.2	21.5	75.7	1,103.9	1,160.9	2,264.8	6.9	48.7
Victoria	508.2	824.3	28.9	17.6	46.5	870.9	832.8	1,703.6	5.3	51.1
Queensland	283.6	473.7	27.2	12.7	39.9	513.6	543.4	1,057.0	7.8	48.6
South Australia	145.7	258.1	13.2	7.0	20.2	278.3	286.2	564.5	7.3	49.3
Western Australia	163.4	286.5	15.3	7.1	22.5	309.0	279.8	588.8	7.3	52.5
Tasmania	38.7	71.9	5.3	2.3	7.6	79.5	96.3	175.8	9.6	45.2
Northern Territory	21.2	29.0	* 1.6	* 0.3	2.0	31.0	19.2	50.1	6.3	61.8
Australian Capital Territory	41.8	63.7	1.6	1.7	3.2	66.9	38.8	105.7	4.8	63.3
Australia	1,854.3	3,035.5	147.3	70.2	217.5	3,253.0	3,257.4	6,510.4	6.7	50.0
PERSONS										
New South Wales	2,057.6	2,543.5	144.4	30.2	174.6	2,718.0	1,738.4	4,456.5	6.4	61.0
Victoria	1,591.4	1,991.4	73.2	23.9	97.1	2,088.5	1,258.7	3,347.3	4.6	62.4
Queensland	957.9	1,206.1	70.3	17.8	88.1	1,294.2	792.2	2,086.5	6.8	62.0
South Australia	489.5	632.6	39.9	8.5	48.4	681.0	425.0	1,106.1	7.1	61.6
Western Australia	565.0	718.5	38.8	10.3	49.1	767.6	411.1	1,178.7	6.4	65.1
Tasmania	146.0	187.4	17.1	2.8	19.9	207.3	138.2	345.5	9.6	60.0
Northern Territory	58.6	69.2	3.7	* 0.5	4.2	73.4	31.1	104.5	5.8	70.2
Australian Capital Territory	110.8	140.1	4.2	2.9	7.1	147.2	58.0	205.2	4.8	71.7
Australia	5,976.9	7,488.8	391.7	96.9	488.6	7,977.4	4,852.8	12,830.2	6.1	62.2

TABLE 6. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:  
STATE CAPITAL CITIES(a), NOVEMBER 1988

Capital city	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work	Total					

- '000 -

- per cent -

MALES										
Sydney	886.8	958.5	45.1	4.8	49.9	1,008.3	351.9	1,360.2	4.9	74.1
Melbourne	782.5	841.8	25.6	* 4.3	30.0	871.8	297.0	1,168.8	3.4	74.6
Brisbane	303.0	328.5	16.8	* 2.8	19.6	348.0	115.6	463.7	5.6	75.1
Adelaide	244.6	267.4	17.5	* 1.3	18.7	286.1	105.6	391.8	6.5	73.0
Perth	274.1	296.3	16.8	2.8	19.7	315.9	97.0	412.9	6.2	76.5
Hobart	42.4	45.5	4.6	* 0.2	4.8	50.4	17.9	68.3	9.6	73.7
Total	2,533.4	2,737.8	126.4	16.2	142.7	2,880.5	985.1	3,865.6	5.0	74.5
FEMALES										
Sydney	452.5	676.4	30.0	11.2	41.3	717.7	716.3	1,433.9	5.7	50.0
Melbourne	388.9	607.9	17.2	10.7	27.9	635.8	587.0	1,222.8	4.4	52.0
Brisbane	140.3	231.2	13.7	7.2	21.0	252.2	244.5	496.6	8.3	50.8
Adelaide	109.8	188.6	10.1	5.2	15.3	204.0	215.9	419.8	7.5	48.6
Perth	124.3	213.5	11.7	5.0	16.7	230.3	206.7	436.9	7.3	52.7
Hobart	17.8	31.5	2.6	* 1.1	3.7	35.2	37.8	73.0	10.4	48.2
Total	1,233.6	1,949.1	85.4	40.5	125.9	2,075.0	2,008.1	4,083.1	6.1	50.8
PERSONS										
Sydney	1,339.3	1,634.9	75.1	16.1	91.1	1,726.0	1,068.1	2,794.1	5.3	61.8
Melbourne	1,171.4	1,449.7	42.8	15.0	57.9	1,507.6	884.0	2,391.6	3.8	63.0
Brisbane	443.3	559.6	30.6	10.0	40.6	600.2	360.1	960.3	6.8	62.5
Adelaide	354.4	456.0	27.6	6.5	34.1	490.1	321.5	811.6	7.0	60.4
Perth	398.4	509.8	28.6	7.9	36.4	546.2	303.7	849.9	6.7	64.3
Hobart	60.3	77.0	7.2	1.3	8.5	85.5	55.7	141.2	9.9	60.5
Total	3,767.0	4,687.0	211.9	56.7	268.6	4,955.5	2,993.1	7,948.7	5.4	62.3

(a) Consists of capital city statistical divisions. See Explanatory Notes.

TABLE 7. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:  
AUSTRALIAN CAPITAL TERRITORY, NOVEMBER 1988

	Persons						Total
	Males	Females		Aged 15-19	Aged 20-24	Aged 25 and over	
		Married	Total				
	- '000 -						
Employed	76.4	36.8	63.7	13.3	18.3	108.4	140.1
Full-time workers	68.9	23.1	41.8	5.5	15.3	90.0	110.8
Part-time workers	7.5	13.6	21.8	7.9	3.0	18.4	29.3
Unemployed	3.9	* 1.0	3.2	2.9	* 1.2	3.0	7.1
Looking for full-time work	2.6	* 0.6	1.6	* 0.5	* 1.2	2.4	4.2
Looking for part-time work	* 1.3	* 0.4	1.7	2.3	* 0.0	* 0.6	2.9
Labour force	80.3	37.7	66.9	16.2	19.5	111.5	147.2
Not in labour force	19.1	21.9	38.8	10.0	4.6	43.4	58.0
Aged 15-19 attending school(a)	3.6	* 0.0	4.8	8.4	..	..	8.4
Civilian population	99.5	59.7	105.7	26.2	24.2	154.9	205.2
	- per cent -						
Unemployment rate	4.9	* 2.6	4.8	17.7	* 6.3	2.7	4.8
Looking for full-time work	3.7	* 2.6	3.6	* 8.9	* 7.5	2.6	3.6
Participation rate	80.8	63.2	63.3	62.0	80.9	72.0	71.7
Employment/population ratio	76.8	61.6	60.2	51.0	75.7	70.0	68.3
	- number -						
Average weekly hours worked by employed persons	39.2	30.0	30.3	20.3	36.7	36.7	35.1
Average duration of unemployment (weeks)	23.3	* 68.7	31.3	19.0	* 13.6	39.8	26.9

(a) Excludes persons in institutions such as hospitals, gaols, sanatoriums, etc. See Explanatory Notes.



TABLE 8. CIVILIAN LABOUR FORCE, STATES: SEASONALLY ADJUSTED SERIES

Month	Males					Females					Persons				
	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate
	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -
	NEW SOUTH WALES														
1987 -															
October	1,471.0	134.2	1,605.1	8.4	74.7	976.4	95.1	1,071.5	8.9	48.3	2,447.3	229.3	2,676.6	8.6	61.3
November	1,476.2	127.1	1,603.3	7.9	74.5	962.9	98.4	1,061.3	9.3	47.7	2,439.1	225.5	2,664.6	8.5	60.9
December	1,491.0	121.7	1,612.7	7.5	74.8	988.6	92.8	1,081.4	8.6	48.5	2,479.6	214.5	2,694.1	8.0	61.5
1988 -															
January	1,506.1	119.4	1,625.5	7.3	75.3	1,018.7	86.8	1,105.5	7.9	49.5	2,524.8	206.2	2,731.0	7.6	62.2
February	1,501.4	111.2	1,612.6	6.9	74.6	1,009.2	81.1	1,090.3	7.4	48.8	2,510.6	192.3	2,702.9	7.1	61.5
March	1,509.5	117.7	1,627.1	7.2	75.2	1,019.9	83.5	1,103.4	7.6	49.3	2,529.4	201.2	2,730.6	7.4	62.0
April	1,506.9	128.3	1,635.1	7.8	75.4	1,027.6	93.1	1,120.7	8.3	50.0	2,534.5	221.4	2,755.9	8.0	62.5
May	1,494.7	118.2	1,612.9	7.3	74.3	1,010.4	89.5	1,099.9	8.1	49.0	2,505.2	207.7	2,712.9	7.7	61.5
June	1,509.8	115.3	1,625.1	7.1	74.8	1,011.3	89.0	1,100.3	8.1	49.0	2,521.1	204.3	2,725.4	7.5	61.7
July	1,504.8	115.5	1,620.3	7.1	74.4	1,014.9	77.9	1,092.8	7.1	48.6	2,519.6	193.4	2,713.1	7.1	61.3
August	1,510.4	117.9	1,628.3	7.2	74.6	1,030.2	84.6	1,114.8	7.6	49.5	2,540.6	202.5	2,743.1	7.4	61.8
September	1,503.3	116.3	1,619.6	7.2	74.1	1,023.7	82.2	1,105.8	7.4	49.0	2,527.0	198.5	2,725.5	7.3	61.3
October	1,519.0	109.7	1,628.7	6.7	74.4	1,030.5	79.3	1,109.8	7.1	49.1	2,549.5	189.0	2,738.5	6.9	61.5
November	1,519.7	105.6	1,625.3	6.5	74.2	1,015.5	83.4	1,098.9	7.6	48.5	2,535.2	189.0	2,724.2	6.9	61.1
VICTORIA															
1987 -															
October	1,146.0	71.2	1,217.1	5.8	75.4	779.1	56.6	835.6	6.8	49.8	1,925.1	127.7	2,052.8	6.2	62.3
November	1,142.3	69.2	1,211.5	5.7	74.9	782.3	56.9	839.1	6.8	49.9	1,924.6	126.0	2,050.6	6.1	62.2
December	1,156.8	68.3	1,225.1	5.6	75.6	785.3	58.8	844.2	7.0	50.2	1,942.1	127.1	2,069.2	6.1	62.7
1988 -															
January	1,167.0	66.9	1,233.8	5.4	76.1	783.7	61.4	845.1	7.3	50.2	1,950.7	128.3	2,079.0	6.2	62.9
February	1,161.5	66.1	1,227.6	5.4	75.6	779.3	58.0	837.3	6.9	49.6	1,940.8	124.1	2,064.9	6.0	62.4
March	1,162.4	63.3	1,225.7	5.2	75.4	781.6	62.3	844.0	7.4	50.0	1,944.0	125.7	2,069.7	6.1	62.4
April	1,177.3	73.3	1,250.6	5.9	76.8	784.1	66.3	850.4	7.8	50.3	1,961.4	139.7	2,101.1	6.6	63.3
May	1,162.9	69.6	1,232.5	5.6	75.6	776.9	67.8	844.8	8.0	49.9	1,939.9	137.4	2,077.3	6.6	62.5
June	1,169.3	62.7	1,232.0	5.1	75.5	784.8	64.3	849.1	7.6	50.2	1,954.1	127.0	2,081.1	6.1	62.6
July	1,164.1	59.5	1,223.7	4.9	74.9	776.8	53.8	830.6	6.5	49.0	1,940.9	113.3	2,054.2	5.5	61.7
August	1,148.1	60.2	1,208.4	5.0	73.8	796.8	65.5	862.4	7.6	50.8	1,945.0	125.8	2,070.7	6.1	62.1
September	1,162.5	55.8	1,218.3	4.6	74.3	810.7	58.8	869.6	6.8	51.2	1,973.3	114.6	2,087.9	5.5	62.6
October	1,167.8	62.4	1,230.3	5.1	75.0	797.1	54.9	852.0	6.4	50.1	1,964.9	117.4	2,082.3	5.6	62.3
November	1,170.1	54.2	1,224.3	4.4	74.5	818.1	52.2	870.2	6.0	51.1	1,988.1	106.4	2,094.5	5.1	62.6
QUEENSLAND															
1987 -															
October	675.8	71.3	747.0	9.5	75.2	437.8	49.4	487.3	10.1	47.9	1,113.6	120.7	1,234.3	9.8	61.4
November	676.1	70.5	746.5	9.4	75.0	440.0	45.9	485.9	9.4	47.7	1,116.0	116.4	1,232.4	9.4	61.2
December	686.4	69.2	755.6	9.2	75.7	439.8	50.3	490.1	10.3	48.0	1,126.2	119.5	1,245.7	9.6	61.7
1988 -															
January	683.7	68.4	752.0	9.1	75.2	444.6	57.1	501.7	11.4	49.1	1,128.3	125.4	1,253.8	10.0	62.0
February	687.9	65.1	753.0	8.6	75.2	446.3	47.6	493.9	9.6	48.2	1,134.2	112.7	1,246.9	9.0	61.5
March	699.7	62.6	762.3	8.2	75.9	444.9	50.7	495.7	10.2	48.3	1,144.6	113.4	1,258.0	9.0	61.9
April	708.1	63.4	771.5	8.2	76.6	453.7	51.1	504.7	10.1	48.9	1,161.7	114.5	1,276.2	9.0	62.6
May	712.9	55.2	768.1	7.2	76.0	460.0	47.1	507.0	9.3	49.0	1,172.9	102.3	1,275.2	8.0	62.3
June	709.7	56.9	766.5	7.4	75.6	455.7	46.7	502.4	9.3	48.3	1,165.4	103.6	1,269.0	8.2	61.8
July	715.9	53.6	769.5	7.0	75.7	463.2	40.1	503.3	8.0	48.3	1,179.1	93.7	1,272.8	7.4	61.8
August	714.7	55.7	770.5	7.2	75.6	466.1	42.1	508.1	8.3	48.5	1,180.8	97.8	1,278.6	7.6	61.9
September	721.3	59.5	780.7	7.6	76.3	469.9	47.4	517.3	9.2	49.3	1,191.1	106.9	1,298.0	8.2	62.6
October	727.2	52.6	779.8	6.7	76.0	472.7	46.1	518.8	8.9	49.2	1,199.9	98.6	1,298.5	7.6	62.4
November	731.4	54.0	785.4	6.9	76.3	468.2	42.8	510.9	8.4	48.3	1,199.5	96.8	1,296.3	7.5	62.1

TABLE 8. CIVILIAN LABOUR FORCE, STATES: SEASONALLY ADJUSTED SERIES — continued

Month	Males					Females					Persons				
	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate
	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -
SOUTH AUSTRALIA															
1987 -															
October	359.7	33.4	393.1	8.5	73.7	243.0	25.0	268.0	9.3	48.1	602.7	58.4	661.1	8.8	60.7
November	356.3	36.1	392.4	9.2	73.5	241.7	23.8	265.4	9.0	47.6	598.0	59.8	657.8	9.1	60.3
December	358.6	33.7	392.3	8.6	73.4	244.9	24.1	269.1	9.0	48.2	603.5	57.8	661.3	8.7	60.6
1988 -															
January	356.0	34.3	390.4	8.8	73.0	251.2	23.5	274.7	8.6	49.2	607.2	57.8	665.0	8.7	60.9
February	351.5	34.5	386.0	8.9	72.1	248.4	26.5	274.9	9.6	49.2	599.9	61.0	660.9	9.2	60.4
March	357.4	33.0	390.4	8.5	72.9	253.3	23.8	277.0	8.6	49.5	610.6	56.8	667.4	8.5	61.0
April	355.3	36.4	391.7	9.3	73.0	252.3	25.6	277.9	9.2	49.6	607.6	62.0	669.6	9.3	61.1
May	355.8	36.2	392.0	9.2	72.9	254.1	23.4	277.4	8.4	49.5	609.9	59.5	669.4	8.9	60.9
June	358.5	35.6	394.1	9.0	73.2	253.4	25.4	278.8	9.1	49.6	611.9	61.0	672.9	9.1	61.2
July	365.1	35.1	400.3	8.8	74.3	250.8	23.0	273.8	8.4	48.7	615.9	58.2	674.1	8.6	61.2
August	364.6	32.3	396.8	8.1	73.5	255.3	25.6	280.8	9.1	49.9	619.8	57.8	677.7	8.5	61.5
September	366.7	31.9	398.6	8.0	73.8	254.8	24.1	278.9	8.6	49.5	621.5	56.0	677.5	8.3	61.4
October	370.4	31.6	402.0	7.9	74.3	255.9	23.0	278.9	8.2	49.5	626.3	54.6	680.9	8.0	61.6
November	374.3	29.7	404.0	7.4	74.6	255.2	22.2	277.3	8.0	49.1	629.5	51.9	681.3	7.6	61.6
WESTERN AUSTRALIA															
1987 -															
October	414.4	32.2	446.6	7.2	78.9	265.5	24.2	289.7	8.3	51.1	679.9	56.4	736.3	7.7	65.0
November	409.7	31.0	440.7	7.0	77.7	266.4	23.4	289.8	8.1	51.0	676.1	54.4	730.6	7.5	64.4
December	408.6	31.9	440.5	7.2	77.4	269.6	24.1	293.7	8.2	51.6	678.2	56.0	734.2	7.6	64.5
1988 -															
January	409.5	31.0	440.5	7.0	77.3	271.8	27.1	298.9	9.1	52.4	681.3	58.1	739.4	7.9	64.8
February	414.2	32.8	447.0	7.3	78.2	268.9	23.8	292.7	8.1	51.2	683.1	56.7	739.7	7.7	64.7
March	415.7	31.6	447.2	7.1	78.0	274.1	25.1	299.2	8.4	52.2	689.8	56.7	746.5	7.6	65.1
April	415.9	35.0	450.9	7.8	78.4	269.0	25.9	294.8	8.8	51.2	684.8	60.9	745.7	8.2	64.8
May	415.3	34.0	449.4	7.6	77.8	272.2	26.6	298.8	8.9	51.7	687.6	60.6	748.2	8.1	64.8
June	421.3	32.9	454.2	7.2	78.3	277.1	23.9	301.0	7.9	51.9	698.4	56.8	755.2	7.5	65.1
July	427.7	27.1	454.8	6.0	78.1	273.7	23.3	297.0	7.8	51.1	701.4	50.4	751.8	6.7	64.6
August	428.1	28.3	456.4	6.2	78.1	279.2	23.4	302.6	7.7	51.9	707.3	51.7	759.0	6.8	65.0
September	431.8	28.9	460.7	6.3	78.6	285.8	21.8	307.6	7.1	52.6	717.6	50.7	768.3	6.6	65.6
October	433.9	28.7	462.5	6.2	78.7	283.1	22.1	305.1	7.2	52.0	716.9	50.7	767.7	6.6	65.3
November	433.6	28.2	461.9	6.1	78.3	285.2	25.1	310.3	8.1	52.7	718.8	53.4	772.2	6.9	65.5
TASMANIA															
1987 -															
October	114.5	10.7	125.2	8.5	73.7	71.9	6.8	78.6	8.6	44.7	186.4	17.4	203.8	8.6	59.0
November	113.7	11.9	125.6	9.5	73.9	74.5	6.8	81.3	8.4	46.2	188.2	18.8	207.0	9.1	59.8
December	116.5	11.2	127.7	8.8	75.1	76.6	7.4	84.0	8.8	47.7	193.1	18.6	211.7	8.8	61.2
1988 -															
January	117.0	11.2	128.2	8.8	75.4	76.5	7.9	84.4	9.3	47.9	193.5	19.1	212.7	9.0	61.4
February	115.3	11.7	127.0	9.2	74.6	75.8	8.9	84.7	10.5	48.1	191.0	20.6	211.6	9.7	61.1
March	116.7	12.0	128.7	9.3	75.6	76.0	9.2	85.2	10.8	48.3	192.7	21.2	214.0	9.9	61.7
April	117.9	11.2	129.1	8.7	75.9	77.1	9.1	86.3	10.6	49.0	195.0	20.3	215.4	9.4	62.2
May	118.9	10.1	129.0	7.9	75.9	77.1	7.5	84.6	8.9	48.1	195.9	17.7	213.6	8.3	61.7
June	117.7	10.9	128.6	8.5	75.7	77.3	7.7	85.1	9.1	48.4	195.1	18.6	213.7	8.7	61.8
July	116.3	11.5	127.8	9.0	75.3	75.8	8.9	84.8	10.5	48.2	192.2	20.4	212.6	9.6	61.5
August	117.6	11.1	128.7	8.6	75.8	76.0	8.0	84.0	9.5	47.8	193.6	19.1	212.7	9.0	61.6
September	117.3	12.1	129.3	9.4	76.3	74.9	8.3	83.3	10.0	47.4	192.2	20.4	212.6	9.6	61.6
October	117.1	11.7	128.8	9.1	75.9	72.8	9.6	82.4	11.6	46.9	189.8	21.3	211.1	10.1	61.1
November	117.0	12.8	129.7	9.9	76.4	71.9	8.2	80.1	10.2	45.6	188.9	21.0	209.9	10.0	60.7

TABLE 9. CIVILIAN LABOUR FORCE, STATES: TREND SERIES

Month	Males					Females					Persons				
	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate	Employed	Unemployed	Labour force	Unemp- loyment rate	Partici- pation rate
	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -	- '000 -	- '000 -	- '000 -	- per cent -	- per cent -
NEW SOUTH WALES															
1987 -															
October	1,473.6	130.9	1,604.5	8.2	74.7	972.1	95.2	1,067.3	8.9	48.1	2,445.8	226.1	2,671.8	8.5	61.2
November	1,481.9	126.4	1,608.3	7.9	74.7	980.7	93.1	1,073.7	8.7	48.3	2,462.5	219.5	2,682.0	8.2	61.3
December	1,490.3	122.5	1,612.8	7.6	74.8	991.6	90.6	1,082.2	8.4	48.6	2,481.9	213.1	2,695.0	7.9	61.5
1988 -															
January	1,497.8	119.9	1,617.7	7.4	74.9	1,002.9	88.6	1,091.5	8.1	48.9	2,500.7	208.5	2,709.2	7.7	61.7
February	1,502.8	118.6	1,621.4	7.3	75.0	1,011.8	87.4	1,099.2	8.0	49.2	2,514.6	206.0	2,720.6	7.6	61.9
March	1,505.3	118.3	1,623.5	7.3	75.0	1,016.9	86.9	1,103.8	7.9	49.3	2,522.2	205.2	2,727.4	7.5	62.0
April	1,505.7	118.6	1,624.3	7.3	74.9	1,018.6	86.9	1,105.5	7.9	49.3	2,524.3	205.5	2,729.8	7.5	61.9
May r	1,505.0	119.0	1,624.0	7.3	74.8	1,018.4	86.8	1,105.3	7.9	49.3	2,523.4	205.8	2,729.3	7.5	61.8
June r	1,504.8	118.6	1,623.4	7.3	74.7	1,018.2	86.2	1,104.4	7.8	49.2	2,523.0	204.8	2,727.8	7.5	61.7
July r	1,506.0	117.2	1,623.2	7.2	74.5	1,019.5	84.7	1,104.2	7.7	49.1	2,525.5	201.9	2,727.5	7.4	61.6
August r	1,508.3	115.2	1,623.5	7.1	74.4	1,021.4	83.0	1,104.4	7.5	49.0	2,529.7	198.2	2,727.9	7.3	61.5
September r	1,511.1	113.1	1,624.2	7.0	74.3	1,023.1	81.8	1,104.9	7.4	48.9	2,534.2	194.9	2,729.1	7.1	61.4
October r	1,514.0	111.0	1,625.0	6.8	74.3	1,024.1	81.0	1,105.1	7.3	48.9	2,538.1	192.0	2,730.2	7.0	61.4
November	1,517.0	109.5	1,626.6	6.7	74.2	1,025.2	80.8	1,106.1	7.3	48.8	2,542.3	190.4	2,732.6	7.0	61.3
VICTORIA															
1987 -															
October	1,147.3	67.6	1,214.9	5.6	75.2	781.3	57.2	838.5	6.8	50.0	1,928.6	124.8	2,053.5	6.1	62.4
November	1,149.1	67.6	1,216.7	5.6	75.2	782.1	57.5	839.6	6.8	50.0	1,931.2	125.1	2,056.3	6.1	62.4
December	1,153.4	67.7	1,221.0	5.5	75.4	782.5	58.1	840.7	6.9	50.0	1,935.9	125.8	2,061.7	6.1	62.4
1988 -															
January	1,159.0	67.8	1,226.7	5.5	75.6	782.6	59.7	842.2	7.1	50.0	1,941.5	127.4	2,068.9	6.2	62.6
February	1,164.3	67.8	1,232.2	5.5	75.9	782.1	61.6	843.6	7.3	50.0	1,946.4	129.4	2,075.8	6.2	62.7
March	1,167.6	67.8	1,235.4	5.5	76.0	780.9	63.2	844.0	7.5	50.0	1,948.5	131.0	2,079.4	6.3	62.7
April	1,168.1	67.3	1,235.4	5.4	75.9	780.1	64.0	844.1	7.6	49.9	1,948.2	131.3	2,079.5	6.3	62.7
May r	1,166.7	66.2	1,232.9	5.4	75.7	780.6	64.2	844.8	7.6	49.9	1,947.3	130.4	2,077.7	6.3	62.6
June r	1,164.3	64.4	1,228.8	5.2	75.3	783.2	63.5	846.7	7.5	50.0	1,947.6	127.9	2,075.5	6.2	62.4
July r	1,162.5	62.2	1,224.8	5.1	75.0	787.9	61.9	849.8	7.3	50.1	1,950.4	124.1	2,074.6	6.0	62.3
August r	1,161.6	60.1	1,221.8	4.9	74.7	793.8	59.9	853.6	7.0	50.3	1,955.4	120.0	2,075.4	5.8	62.3
September r	1,162.0	58.5	1,220.5	4.8	74.5	800.1	57.8	857.9	6.7	50.5	1,962.1	116.3	2,078.4	5.6	62.3
October r	1,163.2	57.1	1,220.3	4.7	74.4	806.0	55.9	862.0	6.5	50.7	1,969.2	113.0	2,082.2	5.4	62.3
November	1,165.4	56.4	1,221.8	4.6	74.3	811.5	54.2	865.8	6.3	50.8	1,977.0	110.6	2,087.6	5.3	62.4
QUEENSLAND															
1987 -															
October	677.5	69.9	747.4	9.3	75.2	436.7	49.7	486.5	10.2	47.9	1,114.3	119.6	1,233.9	9.7	61.4
November	678.8	69.8	748.6	9.3	75.2	438.7	50.1	488.8	10.3	48.0	1,117.5	119.9	1,237.4	9.7	61.4
December	681.7	69.1	750.8	9.2	75.3	440.8	50.6	491.5	10.3	48.2	1,122.5	119.7	1,242.2	9.6	61.6
1988 -															
January	686.3	67.8	754.1	9.0	75.4	443.3	51.1	494.4	10.3	48.3	1,129.6	118.8	1,248.4	9.5	61.7
February	692.3	65.7	758.0	8.7	75.7	446.0	51.2	497.3	10.3	48.5	1,138.3	116.9	1,255.2	9.3	61.9
March	698.6	63.0	761.6	8.3	75.9	449.0	50.6	499.6	10.1	48.6	1,147.6	113.6	1,261.2	9.0	62.1
April	704.3	60.4	764.7	7.9	75.9	452.3	49.1	501.3	9.8	48.6	1,156.5	109.5	1,266.0	8.6	62.1
May r	708.8	58.3	767.1	7.6	75.9	455.9	47.1	503.0	9.4	48.6	1,164.7	105.4	1,270.1	8.3	62.1
June r	712.4	56.8	769.2	7.4	75.9	459.6	45.5	505.1	9.0	48.6	1,172.0	102.3	1,274.3	8.0	62.1
July r	715.4	56.0	771.3	7.3	75.9	462.9	44.6	507.5	8.8	48.7	1,178.3	100.5	1,278.8	7.9	62.1
August r	718.3	55.5	773.8	7.2	75.9	465.8	44.1	509.9	8.6	48.7	1,184.1	99.6	1,283.7	7.8	62.1
September r	721.7	55.1	776.8	7.1	76.0	468.2	44.0	512.2	8.6	48.8	1,189.9	99.1	1,289.1	7.7	62.2
October r	725.1	54.8	779.9	7.0	76.0	470.1	44.1	514.1	8.6	48.8	1,195.2	98.9	1,294.0	7.6	62.2
November	728.2	54.8	783.0	7.0	76.1	471.3	44.3	515.7	8.6	48.8	1,199.5	99.1	1,298.6	7.6	62.2

TABLE 9. CIVILIAN LABOUR FORCE, STATES: TREND SERIES — continued

Month	Males					Females					Persons				
	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate	Employed	Unemployed	Labour force	Unemployment rate	Participation rate
	- '000 -	- '000 -		- per cent -		- '000 -	- '000 -		- per cent -		- '000 -	- '000 -		- per cent -	
SOUTH AUSTRALIA															
1987 -															
October	359.4	33.7	393.1	8.6	73.7	242.6	24.3	266.9	9.1	47.9	602.0	58.0	659.9	8.8	60.6
November	358.2	33.8	392.0	8.6	73.4	243.9	24.2	268.1	9.0	48.1	602.1	57.9	660.0	8.8	60.5
December	356.8	34.0	390.8	8.7	73.2	245.8	24.2	270.0	9.0	48.4	602.6	58.2	660.8	8.8	60.5
1988 -															
January	355.6	34.3	389.9	8.8	72.9	248.1	24.4	272.5	9.0	48.8	603.6	58.7	662.3	8.9	60.6
February	354.9	34.7	389.5	8.9	72.8	250.1	24.6	274.7	9.0	49.2	605.0	59.3	664.3	8.9	60.7
March	354.9	35.0	389.9	9.0	72.8	251.7	24.7	276.4	8.9	49.4	606.6	59.7	666.3	9.0	60.9
April	355.7	35.3	391.0	9.0	72.9	252.6	24.7	277.3	8.9	49.5	608.4	60.0	668.3	9.0	60.9
May r	357.3	35.4	392.8	9.0	73.1	253.1	24.6	277.7	8.9	49.5	610.4	60.1	670.5	9.0	61.0
June r	359.6	35.2	394.8	8.9	73.3	253.3	24.5	277.8	8.8	49.5	612.9	59.7	672.6	8.9	61.1
July r	362.3	34.4	396.7	8.7	73.6	253.6	24.3	278.0	8.8	49.4	615.9	58.7	674.7	8.7	61.3
August r	365.1	33.3	398.4	8.4	73.8	254.1	24.1	278.2	8.7	49.4	619.1	57.4	676.6	8.5	61.4
September r	367.8	32.2	400.0	8.1	74.0	254.6	23.8	278.4	8.5	49.4	622.4	56.0	678.4	8.3	61.5
October r	370.3	31.2	401.5	7.8	74.2	255.1	23.4	278.5	8.4	49.4	625.4	54.5	680.0	8.0	61.5
November	372.4	30.3	402.7	7.5	74.4	255.5	23.0	278.6	8.3	49.3	627.9	53.4	681.3	7.8	61.6
WESTERN AUSTRALIA															
1987 -															
October	410.9	31.6	442.4	7.1	78.2	265.7	23.5	289.3	8.1	51.1	676.6	55.1	731.7	7.5	64.6
November	410.7	31.4	442.1	7.1	77.9	267.5	24.0	291.4	8.2	51.3	678.1	55.4	733.5	7.5	64.6
December	410.7	31.5	442.2	7.1	77.7	268.9	24.5	293.4	8.3	51.5	679.6	56.0	735.6	7.6	64.6
1988 -															
January	411.3	32.0	443.2	7.2	77.7	270.0	25.0	295.0	8.5	51.7	681.2	57.0	738.2	7.7	64.7
February	412.3	32.6	444.9	7.3	77.8	270.7	25.4	296.1	8.6	51.8	683.0	58.0	741.0	7.8	64.8
March	413.9	33.1	447.0	7.4	78.0	271.2	25.6	296.8	8.6	51.7	685.1	58.7	743.7	7.9	64.9
April	416.0	33.1	449.1	7.4	78.1	271.8	25.5	297.3	8.6	51.6	687.9	58.6	746.5	7.8	64.8
May r	418.8	32.5	451.3	7.2	78.1	272.9	25.0	298.0	8.4	51.6	691.7	57.6	749.3	7.7	64.8
June r	421.8	31.5	453.3	6.9	78.2	274.7	24.4	299.1	8.2	51.6	696.6	55.9	752.4	7.4	64.9
July r	425.1	30.2	455.3	6.6	78.2	277.1	23.7	300.8	7.9	51.7	702.1	54.0	756.1	7.1	65.0
August r	428.2	29.2	457.4	6.4	78.3	279.5	23.2	302.7	7.7	51.9	707.8	52.4	760.2	6.9	65.1
September r	431.0	28.4	459.4	6.2	78.4	281.9	22.9	304.8	7.5	52.1	712.9	51.3	764.2	6.7	65.2
October r	433.2	27.9	461.2	6.1	78.4	283.9	22.8	306.8	7.4	52.3	717.2	50.8	768.0	6.6	65.4
November	434.9	27.7	462.7	6.0	78.4	285.4	22.9	308.3	7.4	52.4	720.3	50.7	771.0	6.6	65.4
TASMANIA															
1987 -															
October	114.4	11.2	125.6	8.9	73.9	73.4	7.3	80.7	9.1	45.9	187.8	18.5	206.3	9.0	59.7
November	114.9	11.3	126.1	9.0	74.2	74.3	7.3	81.6	8.9	46.4	189.2	18.6	207.7	8.9	60.1
December	115.4	11.5	126.8	9.0	74.6	75.2	7.5	82.7	9.1	47.0	190.6	19.0	209.6	9.1	60.5
1988 -															
January	116.0	11.5	127.5	9.0	75.0	75.9	8.0	83.9	9.5	47.7	192.0	19.5	211.5	9.2	61.1
February	116.6	11.5	128.1	9.0	75.3	76.5	8.4	84.9	9.9	48.2	193.1	19.9	213.0	9.3	61.5
March	117.2	11.3	128.5	8.8	75.5	76.8	8.6	85.4	10.1	48.4	193.9	19.9	213.9	9.3	61.7
April	117.5	11.2	128.6	8.7	75.6	76.9	8.6	85.5	10.1	48.5	194.4	19.7	214.1	9.2	61.8
May r	117.7	11.0	128.7	8.6	75.7	76.9	8.4	85.4	9.9	48.5	194.6	19.5	214.0	9.1	61.8
June r	117.7	11.0	128.7	8.6	75.7	76.7	8.3	85.0	9.8	48.3	194.4	19.3	213.7	9.0	61.8
July r	117.5	11.1	128.7	8.7	75.8	76.2	8.3	84.5	9.8	48.1	193.8	19.4	213.2	9.1	61.7
August r	117.3	11.4	128.7	8.9	75.9	75.4	8.4	83.8	10.0	47.7	192.7	19.8	212.5	9.3	61.5
September r	117.1	11.7	128.9	9.1	76.0	74.5	8.5	83.0	10.3	47.3	191.6	20.3	211.9	9.6	61.4
October r	117.0	12.1	129.1	9.3	76.1	73.6	8.6	82.2	10.5	46.8	190.6	20.7	211.3	9.8	61.2
November	116.9	12.4	129.3	9.6	76.2	72.7	8.8	81.5	10.8	46.4	189.6	21.2	210.8	10.0	61.0

TABLE 10. CIVILIAN LABOUR FORCE, BY AGE, NOVEMBER 1988

Age group	Number ('000)					Participation rate (per cent)				
	Males					Females				
		Married	Not married	Total	Persons		Married	Not married	Total	Persons
15-64	4,652.6	1,935.3	1,293.8	3,229.0	7,881.6	83.7	56.2	63.8	59.0	71.5
15-19	401.8	12.6	369.2	381.8	783.6	56.5	56.4	55.5	55.6	56.0
20-24	586.0	147.2	346.6	493.8	1,079.7	88.2	64.6	81.6	75.7	82.0
25-34	1,276.9	588.9	276.8	865.7	2,142.6	94.3	59.7	74.8	63.8	79.0
35-44	1,174.1	686.6	155.1	841.7	2,015.8	94.5	68.4	72.3	69.1	81.9
45-54	768.4	373.6	99.5	473.1	1,241.6	89.4	56.2	62.3	57.4	73.7
55-59	270.4	86.8	27.9	114.7	385.2	73.1	30.8	34.6	31.6	52.6
60-64	174.9	39.4	18.7	58.1	233.0	49.0	15.6	16.3	15.9	32.2
65 and over	71.8	14.5	9.5	24.0	95.8	9.4	3.5	1.5	2.3	5.3
Total	4,724.4	1,949.7	1,303.3	3,253.0	7,977.4	74.8	50.6	49.1	50.0	62.2

TABLE 11. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 TO 19: FULL-TIME ATTENDANCE AT SCHOOL OR A TERTIARY EDUCATIONAL INSTITUTION, NOVEMBER 1988

	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 15-19	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work	Total					
	- '000 -									
ATTENDING NEITHER SCHOOL NOR A TERTIARY EDUCATIONAL INSTITUTION FULL TIME (a)										
Males	233.3	252.0	36.1	* 0.6	36.7	288.8	19.2	307.9	12.7	93.8
Females	179.4	211.2	29.2	* 1.9	31.1	242.2	41.2	283.4	12.8	85.5
Persons	412.6	463.2	65.2	* 2.6	67.8	531.0	60.3	591.3	12.8	89.8
Left school -										
Before 1986	107.3	115.2	18.1	* 0.7	18.9	134.1	19.7	153.7	14.1	87.2
1986	134.8	147.9	17.4	* 1.0	18.4	166.3	12.1	178.4	11.1	93.2
1987 to survey date	170.6	200.1	29.7	* 0.8	30.5	230.6	25.5	256.1	13.2	90.0
Age -										
15	6.3	8.4	4.2	* 0.0	4.2	12.6	4.7	17.3	33.2	73.1
16	38.8	46.8	9.8	* 0.1	9.9	56.7	5.9	62.6	17.5	90.6
17	88.5	99.7	14.2	* 1.1	15.3	115.0	11.7	126.7	13.3	90.8
18	125.8	139.7	18.4	* 0.7	19.1	158.8	20.5	179.3	12.0	88.6
19	153.3	168.5	18.7	* 0.6	19.3	187.8	17.6	205.5	10.3	91.4
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	* 3.9	17.3	* 1.7	* 1.2	* 2.9	20.2	33.1	53.3	* 14.4	37.9
Females	* 0.5	24.5	* 0.5	* 1.2	* 1.7	26.2	34.9	61.1	* 6.4	42.9
Persons	4.4	41.9	* 2.1	* 2.4	4.6	46.4	67.9	114.4	9.9	40.6
Left school -										
Before 1986	* 0.7	* 1.8	* 0.0	* 0.2	* 0.2	* 2.0	* 3.6	5.6	* 10.0	* 0.4
1986	* 1.6	17.2	* 0.6	* 1.0	* 1.6	18.8	22.6	41.4	* 8.5	45.4
1987 to survey date	* 2.0	22.8	* 1.5	* 1.3	* 2.8	25.6	41.8	67.4	* 10.9	38.0
Age -										
15 and 16	* 0.2	* 1.5	* 0.6	* 0.0	* 0.6	* 2.1	* 3.1	5.1	* 30.4	* 0.4
17	* 0.7	* 2.8	* 0.2	* 0.2	* 0.4	* 3.2	6.3	9.5	* 12.9	* 0.3
18	* 1.9	15.9	* 0.7	* 1.2	* 1.8	17.7	23.3	41.0	* 10.3	43.2
19	* 1.6	21.7	* 0.6	* 1.1	* 1.7	23.4	35.4	58.8	* 7.3	39.8
ATTENDING SCHOOL										
Males	* 0.3	73.9	5.1	13.9	18.9	92.9	257.1	350.0	20.4	26.5
Females	* 0.3	93.9	* 3.3	16.2	19.5	113.4	229.2	342.6	17.2	33.1
Persons	* 0.6	167.8	8.3	30.1	38.4	206.2	486.3	692.6	18.6	29.8
Age -										
15	* 0.1	52.6	* 1.6	17.3	18.9	71.6	180.6	252.2	26.5	28.4
16	* 0.5	59.1	* 3.0	7.8	10.9	70.0	145.5	215.4	15.5	32.5
17	* 0.0	42.2	* 2.1	* 2.5	4.6	46.8	108.1	154.9	9.9	30.2
18 and 19	* 0.0	13.9	* 1.6	* 2.4	4.0	17.9	52.1	70.0	22.4	25.6
TOTAL										
Males	237.4	343.3	42.8	15.7	58.6	401.8	309.4	711.2	14.6	56.5
Females	180.2	329.6	32.9	19.3	52.2	381.8	305.3	687.1	13.7	55.6
Persons	417.7	672.9	75.7	35.1	110.8	783.6	614.6	1,398.3	14.1	56.0
Age -										
15	6.4	61.2	5.9	17.3	23.3	84.5	185.4	269.9	27.5	31.3
16	39.6	107.2	13.3	7.9	21.2	128.4	154.3	282.7	16.5	45.4
17	89.1	144.7	16.5	* 3.8	20.3	165.0	126.1	291.1	12.3	56.7
18	127.7	168.2	19.9	* 3.7	23.6	191.8	89.3	281.1	12.3	68.2
19	154.9	191.5	20.2	* 2.2	22.4	213.9	59.6	273.5	10.5	78.2

(a) The components of the "Left school" category in the "Not in labour force" column do not add to the total because institutionalised persons are not asked the "school attendance" question.

TABLE 12. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 20-24: FULL-TIME ATTENDANCE AT A TERTIARY EDUCATIONAL INSTITUTION, NOVEMBER 1988

	Employed		Unemployed		Total	Labour force	Not in labour force	Civilian population aged 20-24	Unemployment rate	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work						
- '000 -										
- per cent -										
NOT ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	477.5	505.5	47.7	* 1.3	49.0	554.4	31.8	586.2	8.8	94.6
Females	362.3	424.2	36.1	5.6	41.7	465.9	121.4	587.3	9.0	79.3
Persons	839.8	929.7	83.8	6.9	90.7	1,020.4	153.2	1,173.6	8.9	86.9
Age -										
20	154.5	170.9	17.7	* 1.7	19.4	190.3	21.5	211.8	10.2	89.8
21	169.4	186.3	16.4	* 0.9	17.3	203.5	22.0	225.6	8.5	90.2
22	168.6	186.9	17.7	* 1.1	18.8	205.7	31.1	236.8	9.2	86.9
23	168.9	187.5	17.6	* 1.4	19.0	206.5	37.8	244.3	9.2	84.5
24	178.4	198.2	14.3	* 1.8	16.1	214.3	40.8	255.1	7.5	84.0
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	6.4	28.3	* 1.3	* 1.9	* 3.2	31.5	46.6	78.1	* 10.1	40.3
Females	* 3.4	25.0	* 1.1	* 1.8	* 2.9	27.9	37.5	65.3	* 10.4	42.6
Persons	9.8	53.3	* 2.4	* 3.7	6.1	59.4	84.1	143.4	10.2	41.4
Age -										
20	* 3.4	23.1	* 1.0	* 1.9	* 2.9	26.0	29.1	55.1	* 11.1	47.2
21	* 1.0	11.9	* 0.5	* 0.5	* 1.0	12.9	22.3	35.2	* 7.7	36.5
22	* 2.6	8.7	* 0.3	* 0.6	* 0.9	9.6	12.5	22.1	* 9.5	43.4
23	* 1.1	5.6	* 0.2	* 0.3	* 0.4	6.1	11.0	17.1	* 7.4	35.5
24	* 1.7	4.0	* 0.4	* 0.5	* 0.8	4.8	9.1	13.9	* 17.5	34.7
TOTAL										
Males	483.9	533.8	49.0	* 3.2	52.2	586.0	78.4	664.4	8.9	88.2
Females	365.7	449.2	37.2	7.4	44.6	493.8	158.9	652.7	9.0	75.7
Persons	849.6	983.0	86.2	10.6	96.8	1,079.7	237.3	1,317.0	9.0	82.0
Age -										
20	157.9	194.0	18.7	* 3.6	22.3	216.3	50.6	266.9	10.3	81.0
21	170.4	198.1	16.9	* 1.3	18.3	216.4	44.3	260.7	8.4	83.0
22	171.2	195.6	18.0	* 1.7	19.7	215.4	43.6	259.0	9.2	83.2
23	170.0	193.1	17.8	* 1.7	19.5	212.6	48.8	261.4	9.2	81.3
24	180.1	202.1	14.7	* 2.3	17.0	219.1	49.9	269.0	7.8	81.5

TABLE 13. LABOUR FORCE PARTICIPATION RATES(a), BY AGE AND BIRTHPLACE, NOVEMBER 1988 (per cent)

Age group	Born in Australia			Born outside Australia		
	Males	Females	Persons	Males	Females	Persons
15-64	84.6	60.3	72.4	83.3	56.6	70.4
15-19	58.9	57.8	58.3	47.7	47.8	47.8
20-24	90.4	77.7	84.1	81.1	68.0	74.6
25-34	95.8	63.6	79.8	92.0	65.0	78.1
35-44	95.2	70.2	82.7	94.0	66.9	80.9
45-54	91.4	58.6	74.7	87.1	55.5	72.7
55-59	73.6	32.3	52.0	74.1	30.6	54.9
60-64	49.2	15.9	32.1	49.8	16.2	33.2
65 and over	11.1	2.7	6.3	7.4	2.1	4.7
Total	76.5	51.8	63.9	73.6	48.9	61.6

(a) See the definition of the labour force participation rate in the Explanatory Notes.

TABLE 14. CIVILIAN LABOUR FORCE BY BIRTHPLACE, NOVEMBER 1988

	Employed		Unemployed		Labour force	Unemployment rate	Participation rate(a)
	Full-time workers	Total	Looking for full-time work	Total			
			- '000 -			- per cent -	
MALES							
Born in Australia	3,002.3	3,259.8	172.5	192.7	3,452.5	5.6	76.5
Born outside Australia	1,120.3	1,193.5	71.9	78.4	1,271.9	6.2	73.6
Africa	40.9	42.7	* 3.0	* 3.4	46.1	* 7.4	79.0
America	35.6	38.2	* 3.9	4.2	42.4	9.9	80.7
Asia	190.5	205.7	23.0	25.3	231.0	11.0	72.2
Lebanon	17.2	18.2	4.9	4.9	23.1	21.1	71.8
Vietnam	23.9	25.0	7.4	7.6	32.6	23.2	73.8
Europe	755.6	803.2	37.7	40.1	843.3	4.8	72.1
Germany	42.9	45.4	* 2.5	* 2.7	48.0	* 5.6	82.7
Greece	47.7	52.6	* 1.5	* 1.5	54.1	* 2.8	70.1
Italy	98.1	102.9	4.0	4.0	106.8	3.7	71.9
Malta	22.1	22.6	* 1.1	* 1.4	24.0	* 5.6	74.2
Netherlands	37.1	38.6	* 1.4	* 1.4	40.0	* 3.4	72.8
Poland	12.9	14.4	* 1.1	* 1.3	15.7	* 8.5	47.3
UK and Ireland	370.7	394.2	19.2	20.5	414.7	4.9	73.7
Yugoslavia	59.1	61.0	* 2.7	* 3.0	64.1	* 4.7	73.5
Oceania	97.5	103.4	4.3	5.4	108.8	4.9	85.5
New Zealand	81.8	85.5	* 3.0	4.0	89.5	4.5	88.0
MARRIED FEMALES							
Born in Australia	684.1	1,331.0	27.0	51.8	1,382.8	3.7	51.0
Born outside Australia	321.7	532.8	23.8	34.1	566.9	6.0	50.2
Africa	12.4	19.7	* 0.2	* 0.2	19.9	* 1.2	49.3
America	12.0	18.9	* 1.2	* 1.7	20.7	* 8.3	57.8
Asia	73.8	97.4	10.3	12.1	109.5	11.0	52.2
Lebanon	* 2.9	4.9	* 0.8	* 1.1	6.0	* 17.8	25.9
Vietnam	9.0	10.0	* 2.5	* 2.7	12.8	* 21.5	54.9
Europe	198.6	355.0	9.9	17.0	371.9	4.6	48.5
Germany	12.0	21.9	* 0.4	* 0.4	22.3	* 1.9	54.5
Greece	18.4	26.1	* 1.0	* 1.9	28.0	* 6.7	44.0
Italy	19.1	36.7	* 0.3	* 1.3	38.0	* 3.4	38.9
Malta	4.4	8.2	* 0.0	* 0.2	8.4	* 2.8	36.0
Netherlands	6.1	14.5	* 0.6	* 0.8	15.4	* 5.5	48.5
Poland	4.6	7.1	* 0.6	* 0.8	7.9	* 10.2	37.6
UK and Ireland	98.9	186.7	5.1	8.7	195.4	4.5	52.4
Yugoslavia	19.7	26.9	* 0.8	* 1.4	28.3	* 4.9	53.5
Oceania	25.0	41.8	* 2.1	* 3.1	44.9	* 6.8	59.0
New Zealand	20.7	35.0	* 1.2	* 1.9	36.9	* 5.3	63.1
ALL FEMALES							
Born in Australia	1,377.5	2,295.6	104.1	156.9	2,452.5	6.4	51.8
Born outside Australia	476.8	739.9	43.2	60.6	800.5	7.6	48.9
Africa	16.8	26.3	* 0.6	* 1.2	27.5	* 4.2	48.8
America	18.0	27.5	* 2.0	* 3.4	30.9	* 11.0	59.3
Asia	106.0	138.2	15.6	19.6	157.8	12.4	49.6
Lebanon	4.7	7.2	* 1.0	* 1.3	8.5	* 15.0	27.9
Vietnam	13.3	14.6	4.0	4.4	19.0	23.1	49.0
Europe	284.6	472.2	19.1	29.2	501.4	5.8	46.4
Germany	16.7	28.5	* 0.7	* 1.0	29.6	* 3.5	51.5
Greece	21.1	29.8	* 1.4	* 2.2	32.1	* 7.0	40.8
Italy	23.9	43.7	* 0.4	* 2.1	45.8	* 4.6	36.6
Malta	5.3	9.1	* 0.2	* 0.5	9.6	* 4.8	32.9
Netherlands	7.8	17.3	* 0.6	* 0.8	18.1	* 4.7	45.6
Poland	6.2	8.7	* 0.6	* 1.0	9.8	* 10.7	32.5
UK and Ireland	155.9	264.6	12.2	17.3	281.9	6.1	50.5
Yugoslavia	24.4	32.9	* 1.1	* 1.9	34.8	* 5.5	51.2
Oceania	51.4	75.7	5.9	7.3	82.9	8.8	62.9
New Zealand	42.9	63.3	4.2	5.2	68.5	7.6	68.0
PERSONS							
Born in Australia	4,379.8	5,555.4	276.6	349.6	5,905.0	5.9	63.9
Born outside Australia	1,597.1	1,933.4	115.1	139.0	2,072.4	6.7	61.6
Africa	57.7	69.0	* 3.5	4.6	73.6	6.2	64.2
America	53.6	65.7	5.9	7.6	73.3	10.3	70.0
Asia	296.5	343.8	38.7	44.9	388.7	11.5	60.9
Lebanon	21.9	25.4	5.9	6.1	31.5	19.5	50.5
Vietnam	37.2	39.7	11.4	12.0	51.6	23.2	62.2
Europe	1,040.2	1,275.4	56.8	69.3	1,344.7	5.2	59.8
Germany	59.6	73.9	* 3.2	* 3.7	77.6	* 4.8	67.2
Greece	68.8	82.5	* 2.9	* 3.8	86.2	* 4.4	55.3
Italy	122.0	146.5	4.4	6.1	152.6	4.0	55.8
Malta	27.4	31.7	* 1.3	* 1.8	33.5	* 5.4	54.6
Netherlands	44.9	55.9	* 2.0	* 2.2	58.1	* 3.8	61.4
Poland	19.0	23.1	* 1.7	* 2.4	25.5	* 9.4	40.3
UK and Ireland	526.6	658.8	31.4	37.8	696.6	5.4	62.2
Yugoslavia	83.5	93.9	* 3.7	4.9	98.9	5.0	63.7
Oceania	149.0	179.1	10.1	12.6	191.7	6.6	74.0
New Zealand	124.7	148.8	7.3	9.2	158.0	5.8	78.0

(a) See the definition of the labour force participation rate in the Explanatory Notes.



TABLE 15. CIVILIAN LABOUR FORCE BORN OUTSIDE AUSTRALIA: BIRTHPLACE AND PERIOD OF ARRIVAL IN AUSTRALIA, NOVEMBER 1988

Period of arrival	Africa	America	Europe		Oceania		Total				Persons
			Asia	U.K. and Ireland	Other count- ries	New Zealand	Total	Males	Females		
				Married	Total						
EMPLOYED ('000)											
Before 1971	27.2	14.1	84.8	415.8	472.6	28.9	34.9	673.6	288.0	376.0	1,049.6
1971 - 1975	10.6	21.4	49.2	116.4	60.3	14.4	20.2	161.8	78.9	116.2	278.0
1976 - 1980	8.5	9.1	66.4	42.6	23.2	32.5	38.0	110.8	55.9	76.9	187.7
1981 - 1985	9.8	12.3	78.0	43.5	42.2	30.9	37.7	127.7	65.7	95.8	223.5
1986 to survey date	12.9	8.8	65.4	40.6	18.4	42.2	48.3	119.6	44.4	74.9	194.5
UNEMPLOYED ('000)											
Before 1971	* 1.0	* 1.0	* 3.8	20.7	19.5	* 0.7	* 1.4	29.5	11.6	17.7	47.2
1971 - 1975	* 0.5	* 2.2	5.4	7.6	5.5	* 1.1	* 1.4	13.3	* 3.5	9.2	22.5
1976 - 1980	* 1.1	* 1.1	5.5	* 1.9	* 1.3	* 1.4	* 2.1	7.4	* 3.2	5.5	12.9
1981 - 1985	* 1.0	* 1.3	11.6	* 3.1	* 3.1	* 1.8	* 2.6	10.7	6.0	12.0	22.7
1986 to survey date	* 1.1	* 2.1	18.6	4.6	* 2.2	4.1	5.1	17.4	9.7	16.2	33.6
LABOUR FORCE ('000)											
Before 1971	28.1	15.0	88.6	436.5	492.0	29.6	36.3	703.1	299.7	393.8	1,096.8
1971 - 1975	11.1	23.5	54.6	124.0	65.7	15.5	21.6	175.2	82.4	125.4	300.6
1976 - 1980	9.5	10.2	71.9	44.4	24.4	34.0	40.2	118.2	59.1	82.4	200.7
1981 - 1985	10.9	13.6	89.6	46.6	45.4	32.7	40.3	138.4	71.8	107.8	246.3
1986 to survey date	14.0	10.9	84.0	45.1	20.6	46.3	53.4	137.0	54.1	91.1	228.0
UNEMPLOYMENT RATE (per cent)											
Before 1971	* 3.4	* 6.4	* 4.3	4.7	4.0	* 2.4	* 3.8	4.2	3.9	4.5	4.3
1971 - 1975	* 4.1	* 9.2	9.9	6.1	8.3	* 7.1	* 6.6	7.6	* 4.2	7.3	7.5
1976 - 1980	* 11.0	* 10.5	7.7	* 4.3	* 5.2	* 4.3	* 5.3	6.3	* 5.4	6.7	6.5
1981 - 1985	* 9.3	* 9.6	12.9	* 6.7	* 6.9	* 5.6	* 6.5	7.7	8.4	11.2	9.2
1986 to survey date	* 7.7	* 19.1	22.1	10.1	* 10.6	8.9	9.5	12.7	18.0	17.7	14.7
PARTICIPATION RATE(a) (per cent)											
Before 1971	56.4	59.3	63.4	57.7	54.4	68.2	65.8	69.3	45.8	42.9	56.8
1971 - 1975	71.7	73.3	65.8	75.8	70.3	74.3	72.7	84.2	59.0	59.9	72.0
1976 - 1980	65.0	72.4	63.8	70.2	64.4	77.6	75.1	80.9	58.2	54.9	67.7
1981 - 1985	75.0	76.9	59.6	64.0	74.9	80.8	76.1	77.2	57.3	56.9	66.8
1986 to survey date	69.3	70.8	55.1	70.3	64.0	85.7	78.8	76.0	49.6	53.0	64.8

(a) See the definition of the labour force participation rate in the Explanatory Notes.

TABLE 16. EMPLOYED PERSONS: FULL-TIME AND PART-TIME WORKERS, BY AGE, NOVEMBER 1988 ('000)

	Age group								Total
	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over	
MALES									
Full-time workers	237.4	483.9	1,160.5	1,099.0	716.0	240.7	139.3	45.7	4,122.6
Part-time workers	105.9	49.9	47.7	36.1	25.0	17.1	23.8	25.3	330.7
Total	343.3	533.8	1,208.2	1,135.1	741.1	257.8	163.2	71.0	4,453.3
MARRIED FEMALES									
Full-time workers	7.7	107.0	300.0	340.2	189.0	37.1	19.1	5.7	1,005.9
Part-time workers	* 2.4	28.5	256.7	320.4	174.4	47.2	19.8	8.5	858.0
Total	10.2	135.5	556.7	660.6	363.4	84.4	38.9	14.2	1,863.9
ALL FEMALES									
Full-time workers	180.2	365.7	508.6	447.8	255.8	54.4	32.3	9.6	1,854.3
Part-time workers	149.3	83.5	300.1	354.1	199.4	56.1	24.4	14.1	1,181.1
Total	329.6	449.2	808.7	801.9	455.1	110.5	56.7	23.7	3,035.5
PERSONS									
Full-time workers	417.7	849.6	1,669.1	1,546.8	971.8	295.1	171.6	55.3	5,976.9
Part-time workers	255.2	133.4	347.8	390.2	224.4	73.2	48.3	39.4	1,511.8
Total	672.9	983.0	2,016.9	1,937.0	1,196.2	368.3	219.9	94.7	7,488.8

TABLE 17. HOURS WORKED BY EMPLOYED PERSONS, NOVEMBER 1988

	Females				
	Males	Married	Nct married	Total	Persons
NUMBER EMPLOYED ('000)					
Weekly hours worked -					
0	206.1	91.0	52.5	143.5	349.6
1-15	194.2	377.8	190.1	567.9	762.1
16-29	333.3	420.0	150.5	570.5	903.8
30-34	344.8	185.4	115.1	300.5	645.4
35-39	668.1	275.9	262.0	537.8	1,205.9
40	903.4	241.4	211.0	452.5	1,355.9
41-44	258.3	63.6	59.4	122.9	381.3
45-48	427.9	68.9	55.1	124.0	551.9
49 and over	1,117.2	139.8	76.0	215.8	1,332.9
Total	4,453.3	1,863.9	1,171.6	3,035.5	7,488.8
WEEKLY HOURS WORKED					
Aggregate weekly hours worked (million)	180.6	53.0	36.1	89.1	269.7
By full-time workers	175.6	38.9	31.7	70.7	246.3
By part-time workers	5.0	14.0	4.4	18.4	23.4
Average weekly hours worked	40.6	28.4	30.8	29.4	36.0
By full-time workers	42.6	38.7	37.4	38.1	41.2
By part-time workers	15.0	16.3	13.7	15.6	15.5
By wage and salary earners	38.8	28.2	30.7	29.2	34.8
By other than wage and salary earners	48.7	29.5	34.1	30.1	42.6
Average weekly hours worked by persons who worked one hour or more in the reference week	42.5	29.9	32.3	30.8	37.8
By full-time workers	44.6	41.0	39.1	40.1	43.2
By part-time workers	15.9	17.0	14.4	16.3	16.2

TABLE 18. EMPLOYED PERSONS: EMPLOYMENT/POPULATION RATIOS BY AGE AND MARITAL STATUS, NOVEMBER 1988 (per cent)

Age group	Males			Females			Persons
	Married	Not married	Total	Married	Not married	Total	
15-19	* 69.0	48.1	48.3	45.4	48.1	48.0	48.1
20-24	84.3	79.5	80.3	59.5	73.8	68.8	74.6
25-34	92.6	83.3	89.2	56.4	68.1	59.6	74.4
35-44	92.9	83.8	91.4	65.8	65.9	65.8	78.7
45-54	88.1	76.3	86.2	54.6	57.4	55.2	71.0
55-59	73.8	49.8	69.7	29.9	32.4	30.5	50.3
60-64	47.6	37.6	45.7	15.4	15.6	15.5	30.4
65 and over	10.2	6.9	9.3	3.4	1.5	2.3	5.3
Total	74.9	63.3	70.5	48.4	44.1	46.6	58.4

TABLE 19. FULL-TIME WORKERS WHO WORKED LESS THAN 35 HOURS, BY REASON, NOVEMBER 1988 ('000)

Reason for working less than 35 hours	Males	Females		Total	Persons
		Married	Not married		
Leave, holiday or flexitime	503.8	143.8	128.1	271.9	775.7
Own illness or injury	105.6	40.5	26.4	67.0	172.5
Bad weather, plant breakdown, etc.	10.8	* 0.3	* 1.2	* 1.5	12.3
Began or left job in the reference week	12.5	* 1.7	* 3.9	5.6	18.1
Stood down, on short time, insufficient work	21.8	7.2	* 3.7	10.9	32.7
Shift work, standard work arrangements	66.5	17.9	15.8	33.7	100.1
Other reasons	26.8	4.9	5.8	10.7	37.5
Total	747.7	216.3	185.0	401.3	1,149.0

TABLE 20. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY AGE, NOVEMBER 1988 ('000)

	Age group						
	15-19	20-24	25-34	35-44	45-54	55 and over	Total
MALES							
Total	105.9	49.9	47.7	36.1	25.0	66.2	330.7
Preferred not to work more hours	82.5	34.0	27.2	23.2	16.3	61.2	244.5
Preferred to work more hours	23.3	15.8	20.4	12.9	8.8	5.0	86.2
Had actively looked for full-time work in the four weeks to the end of the reference week	8.7	9.2	11.1	7.6	* 1.8	* 1.7	40.2
MARRIED FEMALES							
Total	* 2.4	28.5	256.7	320.4	174.4	75.5	858.0
Preferred not to work more hours	* 1.4	21.9	228.2	277.1	157.3	71.9	757.8
Preferred to work more hours	* 1.0	6.7	28.6	43.2	17.1	* 3.7	100.2
Had actively looked for full-time work in the four weeks to the end of the reference week	* 0.5	* 3.8	5.2	9.7	* 3.4	* 0.3	22.9
ALL FEMALES							
Total	149.3	83.5	300.1	354.1	199.4	94.7	1,181.1
Preferred not to work more hours	117.6	59.5	259.2	301.6	175.1	88.6	1,001.6
Preferred to work more hours	31.7	24.0	40.9	52.6	24.2	6.1	179.5
Had actively looked for full-time work in the four weeks to the end of the reference week	13.1	13.1	10.4	12.2	5.9	* 0.6	55.3
PERSONS							
Total	255.2	133.4	347.8	390.2	224.4	160.9	1,511.8
Preferred not to work more hours	200.1	93.5	286.5	324.7	191.4	149.8	1,246.1
Preferred to work more hours	55.1	39.9	61.3	65.5	33.0	11.1	265.8
Had actively looked for full-time work in the four weeks to the end of the reference week	21.8	22.3	21.5	19.8	7.7	* 2.3	95.5

TABLE 21. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY HOURS WORKED, NOVEMBER 1988 ('000)

	Hours worked by persons who worked in the reference week						Persons who did not work in the reference week	Total
	1-5	6-10	11-15	16-20	21-29	30-34		
MALES								
Total	53.3	70.4	40.1	47.5	53.8	47.9	17.7	330.7
Preferred not to work more hours	39.0	52.0	30.8	33.1	39.2	35.8	14.6	244.5
Preferred to work more hours	14.3	18.4	9.3	14.3	14.7	12.1	* 3.1	86.2
Had actively looked for full-time work in the four weeks to the end of the reference week	5.5	11.4	4.9	7.3	5.5	4.8	* 0.9	40.2
MARRIED FEMALES								
Total	95.1	142.3	132.1	165.1	189.9	98.5	35.0	858.0
Preferred not to work more hours	76.3	119.4	114.9	148.8	174.9	92.8	30.6	757.8
Preferred to work more hours	18.9	22.9	17.1	16.3	15.0	5.7	4.4	100.2
Had actively looked for full-time work in the four weeks to the end of the reference week	* 3.6	5.9	* 3.6	* 3.4	4.5	* 1.0	* 0.8	22.9
ALL FEMALES								
Total	155.4	223.8	174.1	202.3	244.9	129.9	50.7	1,181.1
Preferred not to work more hours	119.2	183.5	149.1	175.3	213.3	117.7	43.4	1,001.6
Preferred to work more hours	36.2	40.3	25.0	26.9	31.6	12.2	7.4	179.5
Had actively looked for full-time work in the four weeks to the end of the reference week	9.4	13.1	8.0	8.5	11.4	* 3.7	* 1.2	55.3
PERSONS								
Total	208.8	294.2	214.2	249.7	298.7	177.8	68.5	1,511.8
Preferred not to work more hours	158.2	235.5	180.0	208.5	252.4	153.5	58.0	1,246.1
Preferred to work more hours	50.6	58.6	34.3	41.2	46.3	24.2	10.5	265.8
Had actively looked for full-time work in the four weeks to the end of the reference week	14.9	24.5	12.9	15.8	16.9	8.5	* 2.1	95.5

TABLE 22. EMPLOYED PERSONS: INDUSTRY OF FULL-TIME AND PART-TIME WORKERS, NOVEMBER 1988 ('000)

Industry division or subdivision	Full-time workers		Part-time workers		Total			
	Males	Females	Males	Females	Males	Females		Persons
						Married	Total	
Agriculture, forestry, fishing & hunting	291.0	60.9	23.9	66.0	314.9	107.2	126.9	441.8
Agriculture & services to agriculture	268.1	59.2	23.2	63.9	291.4	104.8	123.1	414.5
Forestry & logging, fishing & hunting	22.9	* 1.6	* 0.7	* 2.1	23.6	* 2.4	* 3.7	27.3
Mining	87.4	7.1	* 1.1	* 1.1	88.5	5.1	8.2	96.6
Manufacturing	871.4	245.9	23.8	68.4	895.1	210.9	314.3	1,209.5
Food, beverages and tobacco	121.5	40.7	6.6	14.2	128.1	33.1	54.9	183.0
Metal products	173.9	17.9	* 2.2	6.2	176.1	17.7	24.0	200.2
Other manufacturing	576.0	187.4	15.0	48.0	590.9	160.1	235.4	826.3
Electricity, gas and water	102.0	12.8	* 0.4	* 0.6	102.4	6.1	13.5	115.9
Construction	468.6	24.5	20.2	45.7	488.7	59.8	70.2	558.9
Wholesale and retail trade	744.1	368.0	103.5	325.1	847.6	376.5	693.0	1,540.6
Wholesale trade	312.5	94.8	12.7	40.4	325.3	86.4	135.2	460.5
Retail trade	431.6	273.2	90.7	284.7	522.3	290.1	557.8	1,080.1
Transport and storage	290.8	50.1	19.8	24.1	310.5	46.6	74.2	384.8
Communication	93.7	31.2	* 1.6	8.8	95.3	27.4	40.0	135.2
Finance, property and business services	366.3	290.2	31.2	122.3	397.5	230.2	412.5	810.0
Public administration and defence	197.7	100.0	4.3	24.6	202.0	65.3	124.6	326.6
Community services	428.5	517.5	44.4	336.5	472.9	562.3	854.0	1,326.8
Recreation, personal and other services	181.2	146.1	56.7	157.9	237.8	166.2	304.1	541.9
Total	4,122.6	1,854.3	330.7	1,181.1	4,453.3	1,863.9	3,035.5	7,488.8

TABLE 23. EMPLOYED PERSONS: INDUSTRY AND STATUS OF WORKER, NOVEMBER 1988 ('000)

Industry division or subdivision	Employers		Self-employed		Wage and salary earners		Total (a)		
	Males	Females	Males	Females	Males	Females	Males	Females	Persons
Agriculture, forestry, fishing & hunting	45.9	19.6	139.1	58.4	116.3	37.0	314.9	126.9	441.8
Agriculture & services to agriculture	42.7	19.0	132.0	57.8	103.0	34.5	291.4	123.1	414.5
Forestry & logging, fishing & hunting	* 3.2	* 0.6	7.1	* 0.6	13.3	* 2.5	23.6	* 3.7	27.3
Mining	* 0.3	* 0.1	* 1.5	* 0.0	86.7	7.9	88.5	8.2	96.6
Manufacturing	20.6	7.7	27.3	11.8	846.4	292.2	895.1	314.3	1,209.5
Food, beverages and tobacco	* 1.5	* 1.1	* 1.1	* 0.9	125.1	52.5	128.1	54.9	183.0
Metal products	4.5	* 0.4	4.8	* 1.4	166.6	21.8	176.1	24.0	200.2
Other manufacturing	14.6	6.2	21.4	9.5	554.7	218.0	590.9	235.4	826.3
Electricity, gas and water	* 0.0	* 0.0	* 0.0	* 0.2	102.4	13.3	102.4	13.5	115.9
Construction	44.4	8.6	123.5	16.1	319.9	40.7	488.7	70.2	558.9
Wholesale and retail trade	64.5	39.3	72.7	58.3	705.6	586.6	847.6	693.0	1,540.6
Wholesale trade	8.6	* 3.8	16.6	6.7	299.3	122.8	325.3	135.2	460.5
Retail trade	55.9	35.5	56.1	51.6	406.3	463.8	522.3	557.8	1,080.1
Transport and storage	9.7	* 2.5	40.9	9.0	258.6	60.4	310.5	74.2	384.8
Communication	* 0.0	* 0.2	* 1.1	* 1.6	94.0	38.0	95.3	40.0	135.2
Finance, property and business services	33.0	4.8	42.2	27.0	321.1	378.3	397.5	412.5	810.0
Public administration and defence	* 0.2	* 0.0	* 0.0	* 0.0	201.9	124.6	202.0	124.6	326.6
Community services	17.1	6.9	7.8	14.3	447.4	831.3	472.9	854.0	1,326.8
Recreation, personal and other services	21.5	18.5	39.8	36.2	173.9	245.9	237.8	304.1	541.9
Total	257.1	108.1	495.8	233.0	3,674.1	2,656.1	4,453.3	3,035.5	7,488.8
Full-time workers	249.5	63.9	442.5	106.1	3,425.1	1,677.5	4,122.6	1,854.3	5,976.9

(a) Includes unpaid family helpers.

TABLE 24. EMPLOYED PERSONS: INDUSTRY, AGE AND BIRTHPLACE, NOVEMBER 1988 ('000)

Industry division or subdivision	Age group						Total	Born in Australia	Born outside Australia
	-----								
	15-19	20-24	25-34	35-44	45-54	55 and over			
Agriculture, forestry, fishing & hunting	32.2	42.4	87.7	94.3	87.0	98.2	441.8	390.1	51.7
Agriculture & services to agriculture	29.7	40.0	78.5	87.7	82.2	96.4	414.5	366.9	47.5
Forestry & logging, fishing & hunting	* 2.5	* 2.4	9.2	6.6	4.8	* 1.8	27.3	23.1	4.2
Mining	* 3.7	13.3	31.5	29.4	14.5	4.3	96.6	74.5	22.2
Manufacturing	93.3	161.9	330.1	308.8	208.8	106.6	1,209.5	755.9	453.6
Food, beverages and tobacco	16.4	27.0	48.5	46.3	32.6	12.2	183.0	132.8	50.2
Metal products	13.1	22.8	56.2	54.5	33.9	19.8	200.2	123.7	76.5
Other manufacturing	63.8	112.1	225.5	208.0	142.2	74.6	826.3	499.5	326.9
Electricity, gas and water	4.0	13.6	34.3	32.5	19.5	11.9	115.9	90.2	25.7
Construction	36.9	69.2	157.4	152.7	94.9	47.8	558.9	397.5	161.4
Wholesale and retail trade	309.2	225.8	353.4	329.4	216.9	105.8	1,540.6	1,186.2	354.4
Wholesale trade	34.7	61.1	130.9	120.6	73.5	39.7	460.5	338.2	122.2
Retail trade	274.5	164.7	222.5	208.8	143.4	66.1	1,080.1	848.0	232.2
Transport and storage	13.6	35.3	113.4	112.7	66.1	43.7	384.8	284.7	100.0
Communication	* 2.3	13.1	42.0	42.6	22.9	12.4	135.2	104.6	30.6
Finance, property and business services	62.1	134.5	239.8	212.5	97.4	63.8	810.0	604.7	205.3
Public administration and defence	11.4	39.1	99.8	92.6	56.7	27.1	326.6	262.0	64.6
Community services	35.8	138.0	391.5	407.8	235.2	118.6	1,326.8	1,006.1	320.7
Recreation, personal and other services	68.3	96.6	136.0	121.8	76.4	42.8	541.9	398.8	143.1
Total	672.9	983.0	2,016.9	1,937.0	1,196.2	682.9	7,488.8	5,555.4	1,933.4

TABLE 25. EMPLOYED PERSONS: INDUSTRY AND HOURS WORKED, NOVEMBER 1988

Industry division or subdivision	Hours worked									Total	Average weekly hours worked (hours)
	0	1-15	16-29	30-34	35-39	40	41-44	45-48	49 and over		
	- '000 -										
	MALES										
Agriculture, forestry, fishing & hunting	11.6	13.6	15.1	12.3	13.6	45.3	6.2	19.8	177.5	314.9	51.9
Agriculture & services to agriculture	8.1	13.6	12.8	9.3	11.2	41.3	6.1	18.5	170.5	291.4	52.9
Forestry & logging, fishing & hunting	* 3.5	* 0.1	* 2.3	* 3.0	* 2.4	4.0	* 0.1	* 1.2	7.0	23.6	39.1
Mining	7.2	* 3.4	8.8	4.1	13.7	13.2	6.0	11.3	20.7	88.5	40.1
Manufacturing	36.6	16.1	77.8	74.5	163.5	201.4	66.1	96.5	162.8	895.1	39.4
Food, beverages and tobacco	5.4	* 2.6	10.0	11.4	17.0	33.4	9.3	12.6	26.4	128.1	39.9
Metal products	7.4	* 2.3	14.9	13.2	30.2	38.5	14.9	21.5	33.3	176.1	39.7
Other manufacturing	23.8	11.1	52.9	49.8	116.3	129.6	41.9	62.4	103.1	590.9	39.2
Electricity, gas and water	7.5	* 1.0	12.5	18.7	30.2	16.1	6.2	5.4	4.9	102.4	33.6
Construction	20.0	11.4	41.3	33.1	53.1	120.2	23.7	60.7	125.3	488.7	40.9
Wholesale and retail trade	30.3	70.1	48.1	47.7	100.7	174.4	61.5	82.1	232.6	847.6	40.9
Wholesale trade	10.4	8.1	17.4	17.0	51.0	84.4	22.9	32.9	81.1	325.3	41.7
Retail trade	19.9	62.0	30.7	30.7	49.7	90.0	38.6	49.2	151.5	522.3	40.4
Transport and storage	25.3	8.1	22.3	27.8	38.4	63.2	12.9	26.4	86.3	310.5	40.3
Communication	7.7	* 1.1	8.6	13.9	30.5	14.5	5.8	4.5	8.6	95.3	34.5
Finance, property and business services	16.7	16.3	24.8	29.4	55.6	77.6	20.1	42.3	114.7	397.5	41.2
Public administration and defence	10.9	* 2.8	17.8	22.9	67.2	36.3	14.0	14.7	15.4	202.0	35.9
Community services	24.3	18.2	35.3	44.3	78.8	101.0	24.8	46.0	100.2	472.9	39.1
Recreation, personal and other services	8.0	32.0	21.0	16.1	22.9	40.3	11.0	18.4	68.1	237.8	39.6
Total employed	206.1	194.2	333.3	344.8	668.1	903.4	258.3	427.9	1,117.2	4,453.3	40.6
MARRIED FEMALES											
Agriculture, forestry, fishing & hunting	5.4	32.5	20.2	6.8	6.9	6.9	* 1.9	* 2.9	23.8	107.2	30.2
Agriculture & services to agriculture	5.3	31.3	19.5	6.8	6.5	6.9	* 1.9	* 2.9	23.7	104.8	30.5
Mining	* 0.6	* 0.1	* 0.5	* 0.8	* 1.4	* 0.8	* 0.2	* 0.5	* 0.2	5.1	32.8
Manufacturing	8.0	27.7	39.8	26.2	45.7	32.7	11.4	9.1	10.3	210.9	30.8
Food, beverages and tobacco	* 1.2	4.3	5.9	* 3.9	5.4	6.1	* 1.9	* 1.9	* 2.6	33.1	32.5
Metal products	* 0.6	* 3.3	* 3.4	* 1.8	* 3.3	* 3.1	* 1.5	* 0.1	* 0.5	17.7	28.3
Other manufacturing	6.2	20.1	30.5	20.5	37.0	23.5	8.0	7.1	7.2	160.1	30.7
Electricity, gas and water	* 0.5	* 0.6	* 0.3	* 0.1	* 2.8	* 0.9	* 0.5	* 0.0	* 0.4	6.1	31.4
Construction	* 3.4	29.1	11.2	* 3.7	4.0	4.3	* 0.9	* 1.6	* 1.7	59.8	18.4
Wholesale and retail trade	13.5	79.9	83.4	33.0	47.6	47.7	15.9	16.8	38.7	376.5	29.8
Wholesale trade	* 2.8	14.7	18.2	7.2	16.0	15.9	4.4	* 2.8	4.3	86.4	29.7
Retail trade	10.7	65.2	65.2	25.8	31.5	31.8	11.5	14.0	34.4	290.1	29.8
Transport and storage	* 2.8	11.9	7.6	* 3.9	5.2	8.0	* 1.5	* 1.8	* 3.8	46.6	27.5
Communication	* 2.7	* 2.4	5.2	* 3.1	8.9	* 2.0	* 1.7	* 0.3	* 1.2	27.4	29.1
Finance, property and business services	13.1	41.4	55.3	21.7	39.1	36.1	6.0	7.9	9.7	230.2	27.8
Public administration and defence	5.4	8.5	13.3	6.1	16.1	9.0	* 2.7	* 2.3	* 1.8	65.3	28.3
Community services	31.6	98.2	140.0	66.1	86.4	75.8	16.7	19.1	28.5	562.3	27.6
Recreation, personal and other services	4.0	45.3	43.3	14.0	11.9	17.3	4.1	6.6	19.8	166.2	28.5
Total employed	91.0	377.8	420.0	185.4	275.9	241.4	63.6	68.9	139.8	1,863.9	28.4
ALL FEMALES											
Agriculture, forestry, fishing & hunting	6.6	35.8	22.3	8.8	8.9	9.9	* 3.2	4.0	27.3	126.9	30.9
Agriculture & services to agriculture	6.5	34.5	21.6	8.7	8.2	9.2	* 3.2	4.0	27.2	123.1	31.1
Mining	* 0.6	* 0.5	* 0.5	* 0.9	* 2.5	* 0.8	* 0.5	* 1.3	* 0.5	8.2	34.9
Manufacturing	12.6	33.4	55.7	38.2	71.9	55.7	16.8	14.3	15.7	314.3	31.6
Food, beverages and tobacco	* 3.2	7.6	9.5	6.7	8.5	11.1	* 2.2	* 2.8	* 3.4	54.9	30.6
Metal products	* 1.2	* 3.3	5.0	* 2.7	* 3.8	5.1	* 1.9	* 0.3	* 0.8	24.0	29.2
Other manufacturing	8.2	22.4	41.3	28.8	59.6	39.5	12.8	11.3	11.6	235.4	32.1
Electricity, gas and water	* 0.9	* 0.6	* 1.6	* 2.1	5.3	* 1.7	* 0.8	* 0.0	* 0.4	13.5	31.6
Construction	* 3.7	29.4	12.5	4.3	8.6	6.3	* 1.4	* 2.0	* 2.1	70.2	20.9
Wholesale and retail trade	25.0	184.3	122.0	53.5	104.4	94.1	32.9	24.7	52.2	693.0	28.0
Wholesale trade	* 3.7	16.4	25.6	10.7	29.9	28.6	8.0	5.1	7.1	135.2	31.8
Retail trade	21.3	167.9	96.4	42.7	74.4	65.4	24.9	19.6	45.1	557.8	27.0
Transport and storage	4.6	13.8	10.4	5.7	12.7	14.0	* 3.2	* 3.4	6.4	74.2	30.3
Communication	4.0	* 3.0	7.1	4.9	12.6	* 3.1	* 2.9	* 0.6	* 1.6	40.0	29.4
Finance, property and business services	21.9	50.5	71.1	44.1	95.7	76.6	14.7	17.9	20.1	412.5	30.7
Public administration and defence	9.1	11.2	19.7	15.0	39.7	16.7	5.1	4.4	* 3.7	124.6	30.4
Community services	46.4	124.1	182.1	98.4	147.9	136.4	29.5	37.1	52.0	854.0	29.4
Recreation, personal and other services	8.1	81.4	65.3	24.6	27.7	37.2	11.9	14.1	33.8	304.1	28.8
Total employed	143.5	567.9	570.5	300.5	537.8	452.5	122.9	124.0	215.8	3,035.5	29.4
PERSONS											
Agriculture, forestry, fishing & hunting	18.2	49.4	37.4	21.2	22.5	55.2	9.4	23.8	204.8	441.8	45.8
Agriculture & services to agriculture	14.6	48.1	34.4	18.1	19.3	50.6	9.2	22.6	197.7	414.5	46.4
Forestry & logging, fishing & hunting	* 3.6	* 1.3	* 3.1	* 3.1	* 3.2	4.6	* 0.1	* 1.2	7.1	27.3	36.9
Mining	7.8	* 3.9	9.4	5.1	16.2	14.1	6.5	12.6	21.3	96.6	39.6
Manufacturing	49.2	49.4	133.5	112.6	235.4	257.1	83.0	110.8	178.5	1,209.5	37.4
Food, beverages and tobacco	8.6	10.3	19.5	18.1	25.5	44.5	11.5	15.3	29.7	183.0	37.1
Metal products	8.7	5.6	19.8	15.9	34.0	43.6	16.7	21.7	34.1	200.2	38.5
Other manufacturing	32.0	33.6	94.1	78.7	175.9	169.0	54.7	73.7	114.7	826.3	37.1
Electricity, gas and water	8.4	* 1.7	14.1	20.8	35.5	17.9	7.0	5.4	5.2	115.9	33.4
Construction	23.8	40.7	53.8	37.3	61.7	126.5	25.1	62.7	127.4	558.9	38.4
Wholesale and retail trade	55.2	254.4	170.1	101.2	205.1	268.4	94.5	106.8	284.8	1,540.6	35.1
Wholesale trade	14.1	24.5	43.0	27.7	81.0	113.0	30.9	38.0	88.2	460.5	38.8
Retail trade	41.2	229.9	127.1	73.5	124.1	155.4	63.5	68.8	196.5	1,080.1	33.5
Transport and storage	30.0	21.9	32.7	33.5	51.1	77.2	16.0	29.8	92.7	384.8	38.4
Communication	11.8	4.1	15.7	18.8	43.1	17.6	8.7	5.1	10.2	135.2	33.0
Finance, property and business services	38.6	66.8	95.9	73.5	151.2	154.1	34.8	60.2	134.8	810.0	35.9
Public administration and defence	20.0	14.0	37.5	37.9	106.9	53.0	19.1	19.2	19.0	326.6	33.8
Community services	70.7	142.4	217.4	142.7	226.7	237.4	54.3	83.1	152.2	1,326.8	32.8
Recreation, personal and other services	16.1	113.4	86.3	40.8	50.5	77.5	22.9	32.5	101.9	541.9	33.5
Total employed	349.6	762.1	903.8	645.4	1,205.9	1,355.9	381.3	551.9	1,332.9	7,488.8	36.0

TABLE 26. EMPLOYED PERSONS: INDUSTRY BY OCCUPATION, NOVEMBER 1988  
('000)

Industry division	Occupation major group								Total
	Managers and administrators	Professionals	Para-professionals	Tradespersons	Clerks	Salespersons and personal service workers	Plant and machine operators, and drivers	Labourers and related workers	
MALES									
Agriculture, forestry, fishing and hunting	185.4	* 1.2	8.4	18.8	* 1.1	* 0.6	10.4	88.9	314.9
Mining	* 3.5	8.1	6.1	21.2	* 2.6	* 0.1	26.7	20.1	88.5
Manufacturing	76.5	54.9	23.8	318.8	39.9	22.9	155.6	202.5	895.1
Electricity, gas and water	* 1.6	14.3	14.4	30.3	12.7	* 1.2	11.8	16.3	102.4
Construction	36.4	10.1	17.9	282.1	5.2	* 2.5	35.9	98.6	488.7
Wholesale and retail trade	158.7	36.7	13.9	224.4	39.0	200.4	42.5	131.9	847.6
Transport and storage	17.1	13.3	13.7	27.1	28.8	13.2	145.4	52.1	310.5
Communication	6.9	4.9	12.7	37.6	28.0	* 0.5	* 2.8	* 1.9	95.3
Finance, property and business services	57.1	115.2	23.7	10.0	64.1	78.7	6.1	42.6	397.5
Public administration & defence	22.5	29.9	27.2	17.4	47.0	* 2.5	22.0	33.6	202.0
Community services	23.7	226.0	80.9	31.8	21.5	10.0	18.8	60.2	472.9
Recreation, personal and other services	41.5	35.3	13.3	52.3	6.0	37.8	4.6	47.1	237.8
Total	631.0	549.9	256.2	1,071.6	295.9	370.3	482.6	795.8	4,453.3
FEMALES									
Agriculture, forestry, fishing and hunting	76.0	* 0.5	* 0.5	* 3.3	9.1	* 0.7	* 0.8	35.8	126.9
Mining	* 0.1	* 0.6	* 0.7	* 0.2	5.2	* 0.1	* 0.1	* 1.2	8.2
Manufacturing	9.0	10.7	7.9	23.1	98.5	16.0	73.2	75.9	314.3
Electricity, gas and water	* 0.0	* 0.7	* 0.1	* 0.0	11.9	* 0.4	* 0.0	* 0.3	13.5
Construction	* 1.1	* 0.2	* 0.2	* 2.0	62.3	* 1.4	* 0.2	* 2.9	70.2
Wholesale and retail trade	58.2	11.5	* 3.9	16.1	163.8	379.6	10.8	49.2	693.0
Transport and storage	* 2.7	* 1.7	* 0.2	* 0.7	36.5	20.8	7.3	4.3	74.2
Communication	* 0.3	* 0.9	* 0.5	* 0.6	32.2	* 1.2	* 0.7	* 3.5	40.0
Finance, property and business services	10.1	39.5	6.2	* 1.4	258.3	57.7	* 1.0	38.3	412.5
Public administration & defence	* 3.8	14.7	7.2	* 0.1	79.4	7.5	* 0.7	11.1	124.6
Community services	12.4	263.1	159.7	10.3	191.1	103.0	* 2.8	111.5	854.0
Recreation, personal and other services	23.6	15.2	* 3.7	47.3	38.5	105.6	* 3.1	67.2	304.1
Total	197.2	359.4	190.8	105.2	986.8	694.2	100.7	401.1	3,035.5
PERSONS									
Agriculture, forestry, fishing and hunting	261.4	* 1.8	9.0	22.2	10.2	* 1.3	11.2	124.7	441.8
Mining	* 3.6	8.7	6.8	21.4	7.8	* 0.2	26.8	21.3	96.6
Manufacturing	85.6	65.6	31.7	342.0	138.4	38.9	228.8	278.4	1,209.5
Electricity, gas and water	* 1.6	15.0	14.5	30.3	24.6	* 1.5	11.8	16.5	115.9
Construction	37.4	10.2	18.1	284.1	67.5	* 3.9	36.2	101.5	558.9
Wholesale and retail trade	216.9	48.2	17.8	240.5	202.8	580.0	53.3	181.1	1,540.6
Transport and storage	19.8	15.0	13.9	27.8	65.3	34.0	152.7	56.4	384.8
Communication	7.2	5.9	13.2	38.1	60.2	* 1.7	* 3.5	5.4	135.2
Finance, property and business services	67.2	154.7	29.9	11.4	322.4	136.4	7.2	80.9	810.0
Public administration & defence	26.3	44.6	34.5	17.5	126.4	10.0	22.7	44.7	326.6
Community services	36.2	489.1	240.6	42.1	212.6	113.0	21.6	171.7	1,326.8
Recreation, personal and other services	65.1	50.5	16.9	99.6	44.5	143.4	7.7	114.3	541.9
Total	828.3	909.3	447.0	1,176.8	1,282.7	1,064.4	583.4	1,196.9	7,488.8

TABLE 27. EMPLOYED PERSONS BY INDUSTRY SUBDIVISIONS, NOVEMBER 1988  
('000)

Industry division and subdivision	Males	Females		Persons
		Married	Total	
<b>AGRICULTURE, FORESTRY, FISHING AND HUNTING</b>	<b>314.9</b>	<b>107.2</b>	<b>126.9</b>	<b>441.8</b>
Agriculture	275.7	103.9	121.0	396.8
Services to agriculture	15.6	* 0.9	* 2.1	17.7
Forestry and logging	11.9	* 1.0	* 1.9	13.8
Fishing and hunting	11.7	* 1.4	* 1.8	13.5
<b>MINING</b>	<b>88.5</b>	<b>5.1</b>	<b>8.2</b>	<b>96.6</b>
Metallic minerals	33.0	* 2.4	4.1	37.1
Coal	30.8	* 0.7	* 0.7	31.5
Construction Materials	6.4	* 0.6	* 1.0	7.5
Services to mining, n.e.c.	12.0	* 1.3	* 2.3	14.3
Other mining	6.3	* 0.1	* 0.1	6.4
<b>MANUFACTURING</b>	<b>895.1</b>	<b>210.9</b>	<b>314.3</b>	<b>1,209.5</b>
Food, beverages and tobacco	128.1	33.1	54.9	183.0
Textiles	21.6	7.8	12.7	34.3
Clothing and footwear	22.0	40.3	57.7	79.7
Footwear	5.0	5.0	7.2	12.2
Wood, wood products and furniture	94.2	13.1	18.1	112.3
Paper, paper products, printing and publishing	88.7	27.5	44.3	133.0
Chemical, petroleum and coal products	45.3	11.4	16.1	61.4
Non-metallic mineral products	43.0	4.5	6.7	49.7
Basic metal products	71.6	* 3.8	5.9	77.5
Fabricated metal products	104.5	13.8	18.1	122.7
Transport equipment	103.7	12.0	16.7	120.4
Other machinery and equipment	119.8	24.9	37.6	157.4
Miscellaneous manufacturing	52.6	18.6	25.5	78.1
<b>ELECTRICITY, GAS AND WATER</b>	<b>102.4</b>	<b>6.1</b>	<b>13.5</b>	<b>115.9</b>
Electricity and gas	70.5	4.0	9.5	80.0
Water, sewerage and drainage	31.9	* 2.2	* 3.9	35.8
<b>CONSTRUCTION</b>	<b>488.7</b>	<b>59.8</b>	<b>70.2</b>	<b>558.9</b>
General construction	188.7	21.2	27.2	215.9
Special trade construction	300.1	38.7	43.0	343.1
<b>WHOLESALE AND RETAIL TRADE</b>	<b>847.6</b>	<b>376.5</b>	<b>693.0</b>	<b>1,540.6</b>
Wholesale trade	325.3	86.4	135.2	460.5
Retail trade	522.3	290.1	557.8	1,080.1
<b>TRANSPORT AND STORAGE</b>	<b>310.5</b>	<b>46.6</b>	<b>74.2</b>	<b>384.8</b>
Road freight transport	104.3	15.6	19.1	123.4
Road passenger transport	51.5	6.8	9.6	61.2
Rail transport	64.6	* 3.0	4.8	69.4
Water transport	8.3	* 0.2	* 0.6	8.9
Air transport	23.6	6.9	10.8	34.3
Other transport	* 0.7	* 0.0	* 0.0	* 0.7
Services to road transport	5.4	* 1.4	* 3.2	8.7
Services to water transport	19.5	* 1.0	* 3.5	23.0
Services to air transport	6.7	* 0.5	* 0.5	7.2
Other services to transport	16.6	9.5	19.8	36.3
Storage	9.3	* 1.8	* 2.3	11.5
<b>COMMUNICATION</b>	<b>95.3</b>	<b>27.4</b>	<b>40.0</b>	<b>135.2</b>
<b>FINANCE, PROPERTY AND BUSINESS SERVICES</b>	<b>397.5</b>	<b>230.2</b>	<b>412.5</b>	<b>810.0</b>
Finance and investment	108.1	71.0	133.3	241.4
Insurance and services to insurance	43.7	24.1	48.4	92.1
Property and business services	245.7	135.1	230.8	476.5
<b>PUBLIC ADMINISTRATION AND DEFENCE</b>	<b>202.0</b>	<b>65.3</b>	<b>124.6</b>	<b>326.6</b>
Public administration	183.3	59.4	114.1	297.4
Defence	18.7	5.9	10.5	29.2
<b>COMMUNITY SERVICES</b>	<b>472.9</b>	<b>562.3</b>	<b>854.0</b>	<b>1,326.8</b>
Health	131.9	259.7	399.7	531.6
Education, museum and library services	189.5	224.9	321.1	510.6
Welfare and religious institutions	38.8	45.8	71.8	110.6
Other community services	112.6	31.9	61.4	174.0
<b>RECREATION, PERSONAL AND OTHER SERVICES</b>	<b>237.8</b>	<b>166.2</b>	<b>304.1</b>	<b>541.9</b>
Entertainment and recreational services	71.2	31.5	54.9	126.1
Restaurants, hotels and clubs	124.6	92.0	164.0	288.6
Personal services	40.0	38.2	74.0	114.0
Private households employing staff	* 2.1	4.5	11.1	13.2
<b>TOTAL</b>	<b>4,453.3</b>	<b>1,863.9</b>	<b>3,035.5</b>	<b>7,488.8</b>

TABLE 28. EMPLOYED PERSONS: OCCUPATION OF FULL-TIME AND PART-TIME WORKERS, NOVEMBER 1988 ('000)

Occupation major group	Full-time workers		Part-time workers		Total			
					Females			
	Males	Females	Males	Females	Males	Married	Total	Persons
Managers and administrators	612.8	146.0	18.3	51.2	631.0	161.0	197.2	828.3
Professionals	513.6	260.0	36.3	99.4	549.9	224.9	359.4	909.3
Para-professionals	247.8	125.3	8.3	65.5	256.2	114.4	190.8	447.0
Tradespersons	1,036.5	75.8	35.1	29.4	1,071.6	61.1	105.2	1,176.8
Clerks	278.2	662.3	17.7	324.5	295.9	614.7	986.8	1,282.7
Salespersons and personal service workers	298.1	322.9	72.2	371.2	370.3	343.9	694.2	1,064.4
Plant and machine operators, and drivers	459.3	79.4	23.3	21.4	482.6	71.5	100.7	583.4
Labourers and related workers	676.4	182.6	119.4	218.6	795.8	272.5	401.1	1,196.9
Total	4,122.6	1,854.3	330.7	1,181.1	4,453.3	1,863.9	3,035.5	7,488.8

TABLE 29. EMPLOYED PERSONS: OCCUPATION AND STATUS OF WORKER, NOVEMBER 1988 ('000)

Occupation major group	Employers		Self-employed		Wage and salary earners		Total (a)		
	Males	Females	Males	Females	Males	Females	Males	Females	Persons
Managers and administrators	103.6	40.0	159.2	77.3	366.4	76.6	631.0	197.2	828.3
Professionals	45.5	5.5	30.8	19.7	472.5	333.8	549.9	359.4	909.3
Para-professionals	4.2	* 0.0	12.0	* 3.1	239.9	187.6	256.2	190.8	447.0
Tradespersons	65.4	11.6	153.1	15.3	850.8	77.3	1,071.6	105.2	1,176.8
Clerks	* 1.4	30.6	* 3.7	48.7	289.0	891.7	295.9	986.8	1,282.7
Salespersons and personal service workers	11.7	14.4	37.2	45.3	318.3	628.4	370.3	694.2	1,064.4
Plant and machine operators, and drivers	12.6	* 1.8	52.5	6.5	416.8	91.7	482.6	100.7	583.4
Labourers and related workers	12.5	4.2	47.4	16.9	720.5	369.0	795.8	401.1	1,196.9
Total	257.1	108.1	495.8	233.0	3,674.1	2,656.1	4,453.3	3,035.5	7,488.8
Full-time workers	249.5	63.9	442.5	106.1	3,425.1	1,677.5	4,122.6	1,854.3	5,976.9

(a) Includes unpaid family helpers.

TABLE 30. EMPLOYED PERSONS: OCCUPATION, AGE AND BIRTHPLACE, NOVEMBER 1988 ('000)

Occupation major group	Age group						Total	Born in Australia	Born outside Australia
	15-19	20-24	25-34	35-44	45-54	55 and over			
Managers and administrators	5.8	30.2	156.5	277.7	210.7	147.4	828.3	638.3	190.0
Professionals	7.9	75.9	304.1	299.3	145.7	76.5	909.3	671.4	237.9
Para-professionals	11.3	54.9	148.7	129.3	72.6	30.2	447.0	336.9	110.1
Tradespersons	129.9	189.2	329.8	261.3	169.7	96.8	1,176.8	843.1	333.7
Clerks	100.3	206.2	375.3	334.3	182.7	83.8	1,282.7	994.9	287.8
Salespersons and personal service workers	239.4	188.8	248.3	212.0	114.2	61.7	1,064.4	834.3	230.2
Plant and machine operators, and drivers	19.4	62.0	167.2	163.6	109.7	61.4	583.4	397.4	186.0
Labourers and related workers	158.9	175.7	287.0	259.4	190.8	125.2	1,196.9	839.1	357.8
Total	672.9	983.0	2,016.9	1,937.0	1,196.2	682.9	7,488.8	5,555.4	1,933.4



TABLE 31. EMPLOYED PERSONS: OCCUPATION AND HOURS WORKED, NOVEMBER 1988

Occupation major group	Hours worked									Total	Average weekly hours worked (hours)
	0	1-15	16-29	30-34	35-39	40	41-44	45-48	49 and over		
	-'000 -										
MALES											
Managers and administrators	19.0	9.3	17.1	24.8	40.3	80.1	23.7	64.8	352.0	631.0	52.1
Professionals	16.1	17.1	40.0	42.1	90.6	98.8	28.5	53.4	163.4	549.9	41.9
Para-professionals	21.0	4.0	18.1	24.5	50.1	54.2	15.0	20.0	49.3	256.2	38.1
Tradespersons	54.2	21.4	93.3	86.3	167.7	252.0	71.1	119.3	206.3	1,071.6	39.4
Clerks	19.6	9.8	22.3	30.8	85.2	57.8	21.5	17.4	31.5	295.9	35.7
Salespersons and personal service workers	15.2	44.2	23.5	26.6	46.1	73.3	26.2	36.7	78.4	370.3	37.5
Plant and machine operators, and drivers	25.7	11.0	40.3	39.5	71.0	95.4	29.5	51.6	118.6	482.6	40.9
Labourers and related workers	35.3	77.4	78.8	70.1	117.1	191.8	43.0	64.7	117.7	795.8	35.9
Total employed	206.1	194.2	333.3	344.8	668.1	903.4	258.3	427.9	1,117.2	4,453.3	40.6
MARRIED FEMALES											
Managers and administrators	9.5	21.8	19.1	10.8	12.4	17.8	5.9	8.5	55.3	161.0	40.3
Professionals	12.0	37.4	38.5	19.6	39.2	28.2	10.3	15.3	24.3	224.9	30.6
Para-professionals	7.4	12.0	36.8	14.0	12.8	19.7	4.4	* 3.9	* 3.4	114.4	27.8
Tradespersons	* 1.4	10.4	11.3	4.2	8.7	9.3	* 3.8	* 3.7	8.3	61.1	33.2
Clerks	28.7	134.8	134.7	61.5	123.6	84.4	17.5	13.7	15.7	614.7	26.5
Salespersons and personal service workers	16.6	77.4	93.7	32.8	39.4	38.7	12.3	12.0	21.2	343.9	27.0
Plant and machine operators, and drivers	* 3.6	6.8	14.8	10.9	13.6	10.1	* 3.3	4.9	* 3.5	71.5	31.4
Labourers and related workers	11.9	77.3	71.1	31.6	26.3	33.3	6.1	6.8	8.1	272.5	24.1
Total employed	91.0	377.8	420.0	185.4	275.9	241.4	63.6	68.9	139.8	1,863.9	28.4
ALL FEMALES											
Managers and administrators	10.8	22.7	21.5	11.9	17.9	23.1	9.2	12.1	67.9	197.2	41.3
Professionals	16.9	48.5	51.8	32.4	69.4	49.8	18.7	28.7	43.3	359.4	32.5
Para-professionals	11.9	15.1	47.7	22.5	27.2	41.5	6.9	8.5	9.6	190.8	30.3
Tradespersons	* 2.4	13.3	17.2	7.7	17.9	18.3	7.8	8.1	12.4	105.2	34.4
Clerks	45.1	146.4	176.3	108.3	252.0	162.6	37.3	29.9	28.9	986.8	29.4
Salespersons and personal service workers	33.8	198.9	142.9	58.7	90.7	86.2	27.1	20.4	35.3	694.2	25.7
Plant and machine operators, and drivers	4.9	9.0	22.2	14.0	20.7	15.3	4.3	6.0	4.3	100.7	31.1
Labourers and related workers	17.7	114.0	91.0	45.0	41.9	55.7	11.6	10.2	14.0	401.1	24.7
Total employed	143.5	567.9	570.5	300.5	537.8	452.5	122.9	124.0	215.8	3,035.5	29.4
PERSONS											
Managers and administrators	29.7	32.0	38.6	36.7	58.3	103.2	32.9	76.9	419.9	828.3	49.6
Professionals	33.0	65.6	91.8	74.5	160.0	148.6	47.2	82.1	206.7	909.3	38.2
Para-professionals	32.9	19.1	65.8	47.0	77.2	95.6	21.9	28.5	58.9	447.0	34.8
Tradespersons	56.7	34.8	110.4	94.0	185.6	270.3	78.9	127.4	218.7	1,176.8	39.0
Clerks	64.6	156.3	198.5	139.1	337.2	220.5	58.8	47.3	60.4	1,282.7	30.9
Salespersons and personal service workers	49.1	243.1	166.4	85.3	136.8	159.5	53.3	57.2	113.8	1,064.4	29.8
Plant and machine operators, and drivers	30.6	20.0	62.5	53.5	91.8	110.7	33.8	57.6	122.9	583.4	39.2
Labourers and related workers	53.0	191.3	169.8	115.1	159.0	247.5	54.5	74.9	131.7	1,196.9	32.1
Total employed	349.6	762.1	903.8	645.4	1,205.9	1,355.9	381.3	551.9	1,332.9	7,488.8	36.0

TABLE 32. EMPLOYED PERSONS: MAJOR AND MINOR OCCUPATION GROUPS, NOVEMBER 1988  
('000)

Occupation major and minor group	Males	Females		Persons
		Married	Total	
<b>MANAGERS AND ADMINISTRATORS</b>	631.0	161.0	197.2	828.3
Legislators and government appointed officials	* 2.0	* 0.0	* 0.0	* 2.0
General managers	34.3	* 2.8	* 3.9	38.2
Specialist managers	151.7	15.5	25.4	177.1
Farmers and farm managers	185.7	71.2	76.2	261.9
Managing supervisors (sales and service)	162.4	64.4	81.1	243.6
Managing supervisors (other business)	94.8	7.2	10.7	105.4
<b>PROFESSIONALS</b>	549.9	224.9	359.4	909.3
Natural scientists	26.1	* 3.7	7.4	33.4
Building professionals and engineers	101.4	* 0.8	* 2.5	103.9
Health diagnosis and treatment practitioners	56.7	23.3	36.6	93.2
School teachers	88.5	105.6	155.5	243.9
Other teachers and instructors	40.6	24.4	38.2	78.8
Social professionals	38.3	12.6	19.8	58.1
Business professionals	136.1	28.0	49.5	185.6
Artists and related professionals	44.0	10.3	23.6	67.6
Miscellaneous professionals	18.3	16.3	26.6	44.8
<b>PARA-PROFESSIONALS</b>	256.2	114.4	190.8	447.0
Medical and science technical officers and technicians	14.3	5.3	10.1	24.4
Engineering and building associates and technicians	87.8	* 3.3	5.8	93.5
Air and sea transport technical workers	16.2	* 0.0	* 0.0	16.2
Registered nurses	11.8	84.7	131.0	142.8
Police	35.4	* 1.0	* 3.9	39.3
Miscellaneous para-professionals	90.7	20.1	40.1	130.7
<b>TRADESPERSONS</b>	1,071.6	61.1	105.2	1,176.8
Metal fitting and machining tradespersons	120.0	* 0.5	* 0.5	120.5
Other metal tradespersons	111.0	* 2.8	* 2.8	113.8
Electrical and electronics tradespersons	176.0	* 0.6	* 2.3	178.3
Building tradespersons	260.8	* 0.8	* 2.0	262.8
Printing tradespersons	35.9	6.2	9.4	45.3
Vehicle tradespersons	139.3	* 0.1	* 0.4	139.8
Food tradespersons	82.5	15.6	24.6	107.0
Amenity horticultural tradespersons	42.3	5.6	6.7	49.0
Miscellaneous tradespersons	103.8	28.9	56.5	160.3
<b>CLERKS</b>	295.9	614.7	986.8	1,282.7
Stenographers and typists	5.1	168.4	286.2	291.2
Data processing and business machine operators	21.8	44.5	82.8	104.6
Numerical clerks	116.5	220.6	303.5	420.0
Filing, sorting and copying clerks	19.0	20.3	41.9	60.9
Material recording and despatching clerks	54.9	14.0	23.4	78.3
Receptionists, telephonists and messengers	22.2	81.6	146.9	169.1
Miscellaneous clerks	56.5	65.3	102.1	158.6
<b>SALESPERSONS AND PERSONAL SERVICE WORKERS</b>	370.3	343.9	694.2	1,064.4
Investment, insurance and real estate salespersons	66.5	10.1	15.9	82.4
Sales representatives	78.5	11.8	19.0	97.5
Sales assistants	132.8	144.6	322.0	454.7
Tellers, cashiers and ticket salespersons	21.3	47.4	109.5	130.9
Miscellaneous salespersons	56.0	51.3	97.2	153.2
Personal service workers	15.2	78.6	130.5	145.7
<b>PLANT AND MACHINE OPERATORS, AND DRIVERS</b>	482.6	71.5	100.7	583.4
Road and rail transport drivers	220.8	10.4	16.1	236.9
Mobile plant operators (except transport)	90.5	* 0.4	* 1.3	91.8
Stationary plant operators	63.6	* 0.8	* 1.4	65.0
Machine operators	107.7	59.8	82.0	189.7
<b>LABOURERS AND RELATED WORKERS</b>	795.8	272.5	401.1	1,196.9
Trades assistants and factory hands	193.2	60.6	90.3	283.6
Agricultural labourers and related workers	110.7	23.6	35.9	146.6
Cleaners	66.1	101.6	136.6	202.7
Construction and mining labourers	136.0	* 0.4	* 0.9	136.9
Miscellaneous labourers and related workers	289.7	86.4	137.4	427.1
<b>TOTAL</b>	4,453.3	1,863.9	3,035.5	7,488.8

TABLE 33. UNEMPLOYED PERSONS: STATES, BY AGE, NOVEMBER 1988  
(<sup>'000</sup>)

Age group	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Australia (a)
MALES							
15-19	20.1	13.5	9.6	5.1	6.3	1.7	58.6
20-24	15.3	10.7	9.2	6.5	5.4	3.8	52.2
25-34	28.8	11.1	11.6	6.7	5.8	3.3	68.8
35 and over	34.6	15.2	17.8	10.0	9.1	3.6	91.6
Total	98.8	50.6	48.3	28.3	26.6	12.3	271.1
FEMALES							
15-19	14.9	13.1	10.2	5.2	5.0	2.0	52.2
20-24	15.1	9.5	8.8	3.5	4.3	2.5	44.6
25-34	22.4	9.4	9.7	5.5	7.1	1.6	57.0
35 and over	23.3	14.5	11.2	6.0	6.1	1.6	63.7
Total	75.7	46.5	39.9	20.2	22.5	7.6	217.5
PERSONS							
Looking for full-time work -							
15-19	26.0	16.9	12.8	7.7	7.9	2.7	75.7
20-24	25.7	18.0	17.0	8.8	8.8	5.6	86.2
25-34	43.0	16.5	16.2	10.2	10.2	4.2	102.5
35-44	23.8	11.6	13.3	6.9	5.5	2.6	64.9
45-54	16.2	5.4	6.5	3.5	3.1	* 1.2	36.6
55 and over	9.7	4.7	4.6	2.7	3.3	* 0.8	25.8
Total looking for full-time work	144.4	73.2	70.3	39.9	38.8	17.1	391.7
Total -							
15-19	35.0	26.6	19.8	10.3	11.3	3.7	110.8
20-24	30.4	20.2	18.1	10.0	9.7	6.2	96.8
25-34	51.2	20.5	21.3	12.2	12.9	4.9	125.8
35-44	28.6	15.2	15.2	8.1	7.6	3.1	78.8
45-54	18.9	7.9	8.4	4.4	3.5	1.3	45.4
55 and over	10.4	6.7	5.4	3.5	4.2	* 0.8	31.1
Total	174.6	97.1	88.1	48.4	49.1	19.9	488.6

(a) Includes the Northern Territory and the Australian Capital Territory

TABLE 34. UNEMPLOYED PERSONS AGED 15-19:  
DURATION OF UNEMPLOYMENT AND SCHOOL ATTENDANCE, NOVEMBER 1988

	Not attending school			
	Attending school	Left school before 1987	Left school 1987 to survey date	Total
NUMBER ('000)				
Duration of unemployment (weeks) -				
Under 4	14.1	8.7	8.4	31.1
4 and under 13	9.0	6.5	8.6	24.1
13 and under 26	4.9	6.9	4.8	16.6
26 and over	10.4	17.1	11.5	39.0
Total	38.4	39.1	33.3	110.8
DURATION OF UNEMPLOYMENT (weeks)				
Average duration -				
Males	15.0	46.2	22.4	28.6
Females	17.0	38.2	17.5	24.4
Persons	16.0	42.6	20.2	26.6
Looking for full-time work	23.9	44.9	20.7	32.6
Looking for part-time work	13.8	* 13.7	* 11.9	13.7
Median duration -				
Males	6	24	14	13
Females	8	17	* 9	11
Persons	6	17	11	13
Looking for full-time work	* 13	19	13	17
Looking for part-time work	6	* 4	* 4	6

TABLE 35. UNEMPLOYED PERSONS, BY AGE AND WHETHER LOOKING FOR FULL-TIME OR PART-TIME WORK, NOVEMBER 1988

	Number unemployed ('000)					Unemployment rate (per cent)				
	Males		Females		Persons	Males		Females		Persons
	Married	Total	Married	Total		Married	Total	Married	Total	
LOOKING FOR FULL-TIME WORK										
Total	107.2	244.4	50.8	147.3	391.7	3.7	5.6	4.8	7.4	6.2
Aged 15-19	* 1.1	42.8	* 2.4	32.9	75.7	* 32.2	15.3	* 23.3	15.4	15.3
Looking for first job	* 0.2	20.1	* 0.1	14.4	34.5	..	..	..	..	..
Attending school	* 0.0	5.1	* 0.0	* 3.3	8.3	n.a.	n.a.	n.a.	n.a.	n.a.
Attending a tertiary educational institution full time	* 0.0	* 1.7	* 0.0	* 0.5	* 2.1	n.a.	n.a.	n.a.	n.a.	n.a.
Aged 20 and over	106.1	201.5	48.5	114.5	316.0	3.7	4.9	4.6	6.4	5.4
20-24	11.6	49.0	7.8	37.2	86.2	10.7	9.2	6.8	9.2	9.2
Looking for first job	* 0.3	4.3	* 0.9	5.3	9.6	..	..	..	..	..
25-34	33.3	65.5	17.0	37.0	102.5	4.1	5.3	5.4	6.8	5.8
35-44	27.6	37.4	17.0	27.5	64.9	2.9	3.3	4.8	5.8	4.0
45-54	17.8	26.6	5.0	10.0	36.6	2.8	3.6	2.6	3.8	3.6
55 and over	15.8	23.1	* 1.6	* 2.7	25.8	4.1	5.1	* 2.5	* 2.7	4.7
Aged 15-64	106.9	243.8	50.6	147.1	390.9	3.7	5.6	4.8	7.4	6.2
LOOKING FOR PART-TIME WORK										
Total	* 3.5	26.7	35.0	70.2	96.9	* 2.7	7.5	3.9	5.6	6.0
Aged 15-19	* 0.0	15.7	* 0.1	19.3	35.1	* 0.0	12.9	* 4.4	11.5	12.1
Attending school	* 0.0	13.9	* 0.0	16.2	30.1	* 0.0	15.8	* 0.0	14.8	15.2
Attending a tertiary educational institution full time	* 0.0	* 1.2	* 0.0	* 1.2	* 2.4	* 0.0	* 8.4	* 0.0	* 4.8	* 6.1
Aged 20 and over	* 3.5	11.0	34.9	50.8	61.8	* 2.7	4.7	3.9	4.7	4.7
20-24	* 0.0	* 3.2	* 3.9	7.4	10.6	* 0.0	* 6.0	* 12.0	8.1	7.3
Attending a tertiary educational institution full time	* 0.0	* 1.9	* 0.3	* 1.8	* 3.7	* 0.0	* 7.9	* 23.2	* 7.6	* 7.8
25-34	* 1.0	* 3.3	15.2	20.0	23.2	* 4.1	* 6.4	5.6	6.2	6.3
35-44	* 0.9	* 1.6	9.0	12.4	14.0	* 3.3	* 4.2	2.7	3.4	3.5
45 and over	* 1.6	* 2.9	6.8	11.1	14.0	* 2.1	* 3.1	2.7	3.6	3.5
Aged 15-64	* 3.2	26.5	35.0	70.2	96.7	* 2.9	8.0	4.0	5.7	6.2
TOTAL										
Total	110.7	271.1	85.9	217.5	488.6	3.7	5.7	4.4	6.7	6.1
Aged 15-19	* 1.1	58.6	* 2.5	52.2	110.8	* 29.0	14.6	* 19.5	13.7	14.1
Attending school	* 0.0	18.9	* 0.0	19.5	38.4	* 0.0	20.4	* 0.0	17.2	18.6
Attending a tertiary educational institution full time	* 0.0	* 2.9	* 0.0	* 1.7	4.6	* 0.0	* 14.4	* 0.0	* 6.4	9.9
Aged 20 and over(a)	109.6	212.5	83.4	165.3	377.8	3.6	4.9	4.3	5.8	5.3
20-24	11.6	52.2	11.7	44.6	96.8	10.4	8.9	7.9	9.0	9.0
Attending a tertiary educational institution full time	* 0.2	* 3.2	* 0.6	* 2.9	6.1	* 17.9	* 10.1	* 39.7	* 10.4	10.2
25-34	34.2	68.8	32.2	57.0	125.8	4.1	5.4	5.5	6.6	5.9
35-44	28.5	39.0	26.1	39.8	78.8	2.9	3.3	3.8	4.7	3.9
45-54	18.1	27.4	10.2	18.0	45.4	2.8	3.6	2.7	3.8	3.7
55-59	8.2	12.7	* 2.4	4.2	16.9	3.5	4.7	* 2.8	3.7	4.4
60-64	8.3	11.7	* 0.6	* 1.4	13.1	5.7	6.7	* 1.4	* 2.4	5.6
Aged 15-64	110.1	270.2	85.6	217.3	487.5	3.7	5.8	4.4	6.7	6.2

(a) Includes unemployed persons aged 65 and over, details for whom are not shown separately.

TABLE 36. UNEMPLOYED PERSONS: BIRTHPLACE BY AGE, NOVEMBER 1988

	Number unemployed ('000)			Unemployment rate (per cent)		
	Males	Females	Persons	Males	Females	Persons
BORN IN AUSTRALIA						
Total	192.7	156.9	349.6	5.6	6.4	5.9
Looking for full-time work	172.5	104.1	276.6	5.4	7.0	5.9
Looking for part-time work	20.2	52.8	73.0	7.3	5.4	5.8
Aged 15-19	50.7	46.1	96.7	14.0	13.3	13.6
Aged 20 and over	142.0	110.8	252.9	4.6	5.3	4.9
20-24	41.0	35.3	76.3	8.5	8.6	8.6
25-34	51.9	37.3	89.3	5.2	5.8	5.4
35-44	21.9	25.3	47.1	2.8	4.3	3.4
45-54	12.8	10.0	22.8	2.7	3.1	2.8
55 and over	14.4	* 2.9	17.4	4.2	* 2.1	3.6
Aged 15-64	192.2	156.7	348.9	5.7	6.4	6.0
BORN OUTSIDE AUSTRALIA						
Total	78.4	60.6	139.0	6.2	7.6	6.7
Looking for full-time work	71.9	43.2	115.1	6.0	8.3	6.7
Looking for part-time work	6.5	17.4	23.9	8.1	6.2	6.6
Aged 15-19	7.9	6.1	14.0	19.7	18.0	18.9
Aged 20 and over	70.5	54.5	124.9	5.7	7.1	6.3
20-24	11.2	9.3	20.5	10.7	10.9	10.8
25-34	16.9	19.7	36.5	5.9	9.1	7.2
35-44	17.1	14.6	31.7	4.5	5.7	5.0
45-54	14.6	8.0	22.6	5.1	5.3	5.1
55 and over	10.8	* 2.9	13.7	6.2	* 5.3	6.0
Aged 15-64	78.0	60.6	138.6	6.2	7.6	6.8

TABLE 37. UNEMPLOYED PERSONS, BY DURATION OF UNEMPLOYMENT AND AGE, ETC., NOVEMBER 1988

Duration of unemployment (weeks)	Age group				Total (a)	Married	Not married	Looking for -	
	15-19	20-24	25-34	35-54				Full-time work	Part-time work
MALES									
- '000 -									
Under 2	9.8	4.1	6.3	* 3.6	24.8	6.9	17.9	18.5	6.3
2 and under 4	5.5	5.4	6.7	4.2	22.8	7.6	15.3	16.9	6.0
4 and under 8	6.9	6.3	5.6	7.1	27.1	8.9	18.2	23.3	* 3.8
8 and under 13	6.2	6.2	6.0	4.8	24.3	8.1	16.2	22.1	* 2.2
13 and under 26	9.0	7.7	7.0	5.7	32.4	10.1	22.4	28.9	* 3.6
26 and under 39	5.6	5.5	6.8	7.6	27.1	12.5	14.6	25.8	* 1.3
39 and under 52	6.2	4.0	4.3	* 3.0	19.7	6.7	12.9	18.2	* 1.4
52 and under 65	* 3.5	* 3.0	5.2	6.3	19.1	10.0	9.1	18.0	* 1.1
65 and under 104	* 2.1	* 3.2	4.7	5.4	17.6	9.4	8.2	17.4	* 0.2
104 and over	* 3.8	6.7	16.1	18.7	56.0	30.4	25.6	55.2	* 0.8
Total	58.6	52.2	68.8	66.4	271.1	110.7	160.4	244.4	26.7
- weeks -									
Average duration -	28.6	41.7	61.7	81.7	60.6	79.7	47.5	65.5	16.0
Median duration -	13	16	29	39	26	39	18	30	4
FEMALES									
- '000 -									
Under 2	9.2	4.8	8.8	6.6	30.4	13.6	16.7	15.6	14.7
2 and under 4	6.6	7.6	8.7	7.8	31.7	13.7	18.0	18.8	12.9
4 and under 8	5.6	6.0	6.6	5.9	24.4	9.6	14.8	15.2	9.2
8 and under 13	5.4	4.3	8.0	5.5	23.8	11.6	12.2	16.5	7.3
13 and under 26	7.5	5.9	6.1	6.8	26.5	8.9	17.6	20.8	5.8
26 and under 39	4.3	* 3.7	5.4	5.9	19.4	6.3	13.0	13.3	6.0
39 and under 52	6.2	* 2.8	* 1.7	* 2.8	13.8	5.2	8.6	10.4	* 3.4
52 and under 65	* 3.7	* 1.3	* 3.3	4.0	12.6	4.6	8.1	7.6	5.0
65 and under 104	* 1.9	* 2.3	* 2.3	* 3.2	10.3	* 3.1	7.1	8.8	* 1.5
104 and over	* 1.8	5.9	6.0	9.2	24.7	9.2	15.5	20.3	4.3
Total	52.2	44.6	57.0	57.8	217.5	85.9	131.7	147.3	70.2
- weeks -									
Average duration -	24.4	39.0	39.4	56.2	41.3	35.8	44.8	48.2	26.6
Median duration -	11	12	8	15	12	9	14	15	5
PERSONS									
- '000 -									
Under 2	19.0	8.9	15.1	10.2	55.2	20.5	34.6	34.1	21.0
2 and under 4	12.2	13.0	15.4	12.0	54.5	21.3	33.3	35.6	18.9
4 and under 8	12.5	12.3	12.2	12.9	51.5	18.5	33.0	38.5	13.0
8 and under 13	11.6	10.5	14.0	10.4	48.1	19.7	28.4	38.7	9.5
13 and under 26	16.6	13.7	13.1	12.5	59.0	19.0	40.0	49.6	9.3
26 and under 39	9.8	9.1	12.3	13.5	46.5	18.9	27.6	39.2	7.4
39 and under 52	12.4	6.9	6.0	5.9	33.5	11.9	21.6	28.7	4.8
52 and under 65	7.1	4.3	8.6	10.3	31.7	14.6	17.1	25.6	6.1
65 and under 104	4.0	5.6	7.0	8.6	27.9	12.5	15.4	26.2	* 1.7
104 and over	5.6	12.5	22.1	28.0	80.7	39.6	41.1	75.6	5.1
Total	110.8	96.8	125.8	124.2	488.6	196.5	292.1	391.7	96.9
- weeks -									
Average duration -	26.6	40.4	51.6	69.8	52.0	60.5	46.3	59.0	23.7
Median duration -	13	14	17	26	18	25	16	25	4

(a) Includes persons aged 55 and over, details for whom are not shown separately.

TABLE 38. UNEMPLOYED PERSONS: AGE AND ACTIVE STEPS TAKEN TO FIND WORK(a), NOVEMBER 1988 ('000)

	Persons					Total
	Males	Females	Aged 15-19	Aged 20-24	Aged 25 and over	
Took active steps to find work	266.3	208.1	105.9	95.0	273.6	474.4
Wrote, phoned or applied in person to an employer	207.5	162.6	82.3	75.0	212.7	370.0
Answered a newspaper advertisement for a job	8.8	6.7	* 3.6	* 2.3	9.6	15.5
Checked factory or Commonwealth Employment Service noticeboards	26.8	17.7	9.8	9.4	25.3	44.5
Been registered with the Commonwealth Employment Service	18.4	13.9	7.0	6.5	18.9	32.4
Checked or registered with any other employment agency	* 1.2	* 1.7	* 0.6	* 1.0	* 1.3	* 2.9
Advertised or tendered for work	* 0.9	* 0.0	* 0.3	* 0.2	* 0.4	* 0.9
Contacted relatives or friends	* 2.7	5.5	* 2.2	* 0.6	5.3	8.1
Stood down	4.8	9.4	4.9	* 1.8	7.5	14.2
Total	271.1	217.5	110.8	96.8	281.0	488.6

(a) See Explanatory Notes, paragraph 15.

TABLE 39. UNEMPLOYED PERSONS: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB  
AND DURATION OF UNEMPLOYMENT, NOVEMBER 1988  
( '000)

	Duration of unemployment (weeks)					Total		
	Under 4	4 and under 13	13 and under 26	26 and under 52	52 and over	Males	Females	Persons
Had worked full time for two weeks or more in the last two years	62.5	63.0	37.0	47.5	33.5	154.1	89.4	243.5
Industry division or subdivision -								
Agriculture, forestry, fishing & hunting	* 2.3	* 3.0	* 2.7	* 3.0	* 2.3	10.0	* 3.3	13.2
Agriculture & services to agriculture	* 2.1	* 3.0	* 2.0	* 2.8	* 1.9	8.5	* 3.3	11.8
Manufacturing	11.2	12.0	10.4	12.6	8.1	38.2	16.0	54.2
Food, beverages and tobacco	* 1.8	* 2.1	* 2.4	* 2.7	* 2.8	7.0	4.7	11.8
Metal products	* 0.8	* 2.5	* 1.8	* 1.7	* 1.2	7.6	* 0.3	8.0
Other manufacturing	8.6	7.4	6.1	8.2	4.1	23.5	11.0	34.5
Construction	4.0	6.9	* 2.4	* 3.9	4.1	20.2	* 1.0	21.2
Wholesale and retail trade	15.4	13.5	7.6	11.9	6.7	32.5	22.7	55.1
Wholesale trade	* 3.2	* 2.5	* 2.5	* 3.4	* 1.0	8.9	* 3.7	12.6
Retail trade	12.3	11.0	5.0	8.5	5.8	23.5	19.0	42.5
Transport and storage	* 2.1	* 2.9	* 0.7	* 1.8	* 1.3	7.7	* 1.2	8.9
Finance, property & business services	7.2	4.7	* 1.8	* 1.5	* 1.6	8.4	8.3	16.8
Public administration and defence	* 1.7	* 2.5	* 2.4	* 1.7	* 2.9	6.6	4.6	11.2
Community services	7.6	6.7	* 3.7	4.7	* 2.1	8.0	16.8	24.8
Recreation, personal & other services	9.0	8.3	* 3.7	4.9	* 2.9	13.7	15.1	28.8
Other industries	* 2.1	* 2.7	* 1.7	* 1.4	* 1.4	8.8	* 0.5	9.3
Occupation group -								
Managers and administrators	* 1.9	* 2.7	* 0.7	* 1.0	* 1.7	6.5	* 1.5	8.0
Professionals	5.8	4.6	* 2.9	* 1.6	* 1.1	8.8	7.2	16.0
Para-professionals	* 2.5	* 1.2	* 0.1	* 1.0	* 0.7	* 3.0	* 2.6	5.6
Tradespersons	9.4	9.2	4.7	8.9	6.8	33.2	5.8	39.0
Clerks	10.8	7.8	4.8	* 2.5	* 2.4	6.7	21.6	28.3
Salespersons and personal service workers	12.6	9.7	6.1	8.0	* 3.5	15.0	24.9	39.9
Plant and machine operators	5.8	6.0	* 3.8	4.9	4.4	19.4	5.7	25.0
Labourers and related workers	13.8	21.8	13.8	19.5	12.7	61.5	20.1	81.6
Other	33.0	36.6	22.0	32.4	106.8	112.2	118.7	230.8
Looking for first job	17.4	17.7	11.2	18.6	20.4	39.8	45.5	85.3
Looking for full-time work	7.3	9.1	6.7	12.2	17.4	26.7	25.9	52.7
Other	15.6	18.9	10.9	13.8	86.4	72.3	73.2	145.6
Stood down	14.2	..	..	..	..	4.8	9.4	14.2
Total	109.7	99.6	59.0	80.0	140.3	271.1	217.5	488.6

TABLE 40. UNEMPLOYMENT RATES: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB, NOVEMBER 1988  
(per cent)

	Males	Females	Persons
Had worked full time for two weeks or more in the last two years	3.3	2.9	3.1
Industry division or subdivision -			
Agriculture, forestry, fishing and hunting	3.1	* 2.5	2.9
Agriculture and services to agriculture	2.8	* 2.6	2.8
Mining	5.2	* 1.3	4.9
Manufacturing	4.1	4.9	4.3
Food, beverages and tobacco	5.2	7.9	6.0
Metal products	4.2	* 1.4	3.8
Other manufacturing	3.8	4.4	4.0
Electricity, gas and water	* 1.7	* 1.2	* 1.6
Construction	4.0	* 1.4	3.7
Wholesale and retail trade	3.7	3.2	3.5
Wholesale trade	2.7	* 2.7	2.7
Retail trade	4.3	3.3	3.8
Transport and storage	2.4	* 1.6	2.3
Communication	* 2.2	* 0.6	* 1.7
Finance, property and business services	2.1	2.0	2.0
Public administration and defence	3.1	3.6	3.3
Community services	1.7	1.9	1.8
Recreation, personal and other services	5.5	4.7	5.0
Occupation group -			
Managers and administrators	1.0	* 0.7	1.0
Professionals	1.6	2.0	1.7
Para-Professionals	* 1.2	* 1.4	1.2
Tradespersons	3.0	5.2	3.2
Clerks	2.2	2.1	2.2
Salespersons and personal service workers	3.9	3.5	3.6
Plant and machine operators, and drivers	3.9	5.3	4.1
Labourers and related workers	7.2	4.8	6.4
Total	5.7	6.7	6.1

TABLE 41. UNEMPLOYED PERSONS: REASON FOR UNEMPLOYMENT, NOVEMBER 1988

Month	Reason for unemployment					Total	Percent of unemployed				
	Job loser	Job leaver	Stood down	Looking for first job	Former workers		Job loser	Job leaver	Stood down	Looking for first job	Former workers
	-'000 -						- per cent -				
1987 -											
September	200.5	116.4	13.0	102.8	165.4	598.2	33.5	19.5	2.2	17.2	27.7
October	200.3	112.5	16.7	100.3	155.4	585.2	34.2	19.2	2.9	17.1	26.6
November	197.1	102.3	11.3	97.5	158.4	566.5	34.8	18.1	2.0	17.2	28.0
December	187.3	109.4	10.3	156.8	155.9	619.6	30.2	17.7	1.7	25.3	25.2
1988 -											
January	206.7	119.1	14.2	154.8	150.3	645.1	32.0	18.5	2.2	24.0	23.3
February	200.8	120.3	11.9	136.7	173.1	642.8	31.2	18.7	1.9	21.3	26.9
March	202.2	121.0	16.6	129.9	172.6	642.3	31.5	18.8	2.6	20.2	26.9
April	207.5	123.9	25.6	114.3	171.5	642.8	32.3	19.3	4.0	17.8	26.7
May	190.1	114.3	13.2	103.3	171.0	591.9	32.1	19.3	2.2	17.5	28.9
June	183.3	109.8	12.0	94.2	169.2	568.5	32.2	19.3	2.1	16.6	29.8
July	173.3	96.0	15.3	82.8	151.9	519.3	33.4	18.5	2.9	16.0	29.2
August	170.9	113.2	8.6	90.6	155.6	538.8	31.7	21.0	1.6	16.8	28.9
September	169.8	113.1	16.5	98.3	156.7	554.5	30.6	20.4	3.0	17.7	28.3
October	157.2	95.6	12.4	90.3	152.6	508.0	30.9	18.8	2.4	17.8	30.0
November	152.0	91.2	14.2	85.3	145.9	488.6	31.1	18.7	2.9	17.5	29.9

TABLE 42. UNEMPLOYED PERSONS WHO HAD WORKED FULL TIME FOR TWO WEEKS OR MORE IN THE LAST TWO YEARS: REASON FOR CEASING LAST FULL-TIME JOB, INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB AND AGE, NOVEMBER 1988 ('000)

Industry group	Reason for ceasing last full-time job									Total
	Job loser						Job leaver			
	Laid-off, retrenched			Total						
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	
Agriculture, forestry, fishing and hunting	* 2.7	* 0.4	* 3.1	7.5	* 2.8	10.3	* 2.5	* 0.4	* 2.9	13.2
Manufacturing	19.4	5.7	25.2	26.0	9.9	36.0	12.2	6.1	18.2	54.2
Construction	9.4	* 0.7	10.1	17.0	* 0.7	17.8	* 3.2	* 0.2	* 3.4	21.2
Wholesale and retail	13.7	11.3	25.0	18.9	14.0	32.8	13.6	8.7	22.3	55.1
Transport and storage	* 3.1	* 0.1	* 3.2	5.2	* 0.3	5.4	* 2.5	* 0.9	* 3.4	8.9
Public administration & defence	* 1.8	* 0.2	* 2.0	* 3.5	* 3.3	6.8	* 3.1	* 1.3	4.4	11.2
Community services	* 1.6	* 1.5	* 3.1	4.1	7.1	11.2	* 3.9	9.4	13.3	24.5
Recreation, personal and other services	5.2	4.5	9.7	9.3	7.9	17.3	4.3	7.1	11.4	28.7
Other industries	6.6	* 2.3	9.0	9.7	4.6	14.3	7.5	4.2	11.7	26.1
Occupation group										
Tradespersons	13.2	* 2.2	15.4	22.4	4.1	26.4	10.9	* 1.7	12.5	39.0
Clerks	* 2.5	5.0	7.4	* 3.4	12.0	15.4	* 3.4	9.6	12.9	28.3
Salespersons and personal service workers	5.5	9.6	15.1	8.1	13.7	21.8	6.8	11.3	18.0	39.8
Plant and machine operators, and drivers	10.1	* 2.2	12.2	13.1	* 3.7	16.8	6.2	* 2.0	8.2	25.0
Labourers and related workers	27.7	6.3	34.0	45.2	12.9	58.1	16.2	7.2	23.4	81.5
Other occupations	4.7	* 1.4	6.1	9.1	4.3	13.4	9.2	6.8	16.0	29.5
Age group										
15-19	9.5	7.7	17.2	13.7	11.2	24.9	8.8	6.6	15.4	40.3
20-24	15.7	9.3	24.9	23.8	16.0	39.8	12.2	9.7	21.9	61.6
25-34	16.9	6.0	22.8	28.8	12.9	41.7	14.2	12.9	27.1	68.8
35-44	7.7	* 2.9	10.5	13.8	7.9	21.7	9.7	6.5	16.3	37.9
45-54	8.6	* 0.7	9.3	12.2	* 1.8	14.0	5.0	* 2.3	7.3	21.3
55 and over	5.3	* 0.2	5.5	9.0	* 0.9	9.9	* 2.8	* 0.4	* 3.2	13.1
Total	63.6	26.7	90.3	101.3	50.7	152.0	52.7	38.5	91.2	243.1

TABLE 43. PERSONS NOT IN THE LABOUR FORCE: AGE AND MARITAL STATUS, NOVEMBER 1988

Age group	Males			Females			Persons	Proportion of population  - per cent -
	Married	Not married	Total	Married	Not married	Total		
	- '000 -							
15-19	* 0.1	309.3	309.4	9.8	295.5	305.3	614.6	44.0
20-24	7.0	71.4	78.4	80.7	78.2	158.9	237.3	18.0
25-34	28.9	48.8	77.7	398.0	93.3	491.2	568.9	21.0
35-44	45.1	22.8	68.0	317.9	59.4	377.3	445.2	18.1
45-54	67.4	23.7	91.1	291.5	60.2	351.7	442.8	26.3
55-59	72.0	27.7	99.6	195.0	52.8	247.9	347.5	47.4
60-64	143.8	38.0	181.8	212.8	95.8	308.6	490.3	67.8
65-69	196.0	55.5	251.5	188.8	130.0	318.8	570.3	90.8
70 and over	303.6	134.3	437.9	210.6	487.3	697.9	1,135.8	96.7
Total	864.0	731.4	1,595.4	1,904.9	1,352.5	3,257.4	4,852.8	37.8

TABLE 44. PERSONS NOT IN THE LABOUR FORCE: WHETHER LOOKING FOR WORK, ETC., NOVEMBER 1988 ('000)

	Males			Females			Persons
	Married	Not married	Total	Married	Not married	Total	
Looking for work	16.7	56.9	73.6	33.5	51.1	84.6	158.2
Took active steps to find work (a)	9.0	46.0	55.0	11.2	32.7	43.9	98.9
Did not take active steps to find work	7.7	10.9	18.6	22.3	18.4	40.7	59.3
Not looking for work	813.5	617.7	1,431.2	1,850.7	1,178.3	3,029.0	4,460.2
Permanently unable to work	14.5	7.7	22.1	6.0	8.2	14.2	36.3
In institutions	19.3	49.1	68.4	14.8	114.8	129.6	198.0
Total	864.0	731.4	1,595.4	1,904.9	1,352.5	3,257.4	4,852.8

(a) Not available to start work in the reference week for reasons other than own temporary illness or injury.

TABLE 45. ESTIMATES OF LABOUR FORCE STATUS AND GROSS CHANGES (FLOWS) DERIVED FROM MATCHED RECORDS OCTOBER 1988 AND NOVEMBER 1988 ('000)

Labour force status in - October 1988		November 1988	Females		Persons
			Males	Married	
Employed full time	Employed full time	3,225.5	736.6	1,359.2	4,584.6
	Employed part time	47.2	65.4	87.2	134.4
	Unemployed	20.3	* 3.7	10.3	30.5
	Not in the labour force	33.8	15.4	22.9	56.7
Employed part time	Employed full time	37.9	51.2	71.0	109.0
	Employed part time	168.1	587.6	793.1	961.2
	Unemployed	9.5	7.6	15.5	25.1
	Not in the labour force	27.9	51.6	74.2	102.1
Unemployed	Employed full time	29.8	5.3	12.5	42.3
	Employed part time	12.8	12.9	25.3	38.1
	Unemployed	142.5	32.1	89.0	231.5
	Not in the labour force	30.2	21.0	43.4	73.7
Not in the labour force	Employed full time	26.4	18.2	25.6	52.0
	Employed part time	27.6	56.2	79.1	106.7
	Unemployed	29.5	26.0	53.4	82.9
	Not in the labour force	1,094.0	1,429.6	2,323.0	3,417.0
Total flows into	Employed	96.7	92.6	142.6	239.2
	Full time	94.2	74.7	109.2	203.4
	Part time	87.6	134.5	191.6	279.3
	Unemployed	59.3	37.4	79.2	138.5
	Not in the labour force	91.9	88.1	140.6	232.4
Total flows out of	Employed	91.5	78.4	122.9	214.3
	Full time	101.2	84.6	120.4	221.6
	Part time	75.3	110.5	160.8	236.1
	Unemployed	72.8	39.2	81.3	154.1
	Not in the labour force	83.5	100.4	158.2	241.7
Total changes of status		247.8	218.0	362.4	610.2
Population represented by the matched sample		4,963.0	3,120.5	5,084.8	10,047.8



TABLE 46. FAMILY STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER: SUMMARY TABLE, NOVEMBER 1988

	Employed	Unemployed	Labour force	Not in labour force	Civilian population aged 15 and over		
					Males	Females	Persons
NUMBER ('000)							
Member of a family	6,162.4	382.2	6,544.5	3,687.2	5,066.7	5,165.0	10,231.7
Husband or wife	4,598.8	188.0	4,786.9	2,622.0	3,738.9	3,670.0	7,408.9
With children aged 0-14 present	2,452.9	118.3	2,571.2	799.4	1,717.3	1,653.3	3,370.6
Without children aged 0-14 present	2,145.9	69.7	2,215.6	1,822.7	2,021.6	2,016.7	4,038.3
With dependents present	2,824.8	125.7	2,950.5	920.9	1,968.9	1,902.5	3,871.4
Without dependents present	1,774.0	62.3	1,836.3	1,701.2	1,770.0	1,767.5	3,537.5
Other family head	258.3	32.1	290.3	305.7	106.0	490.0	596.0
With children aged 0-14 present	123.8	20.8	144.5	144.0	27.9	260.7	288.6
Without children aged 0-14 present	134.5	11.3	145.8	161.7	78.1	229.3	307.4
With dependents present	164.9	24.2	189.2	162.4	41.8	309.7	351.5
Without dependents present	93.3	7.8	101.2	143.3	64.2	180.3	244.5
Full-time student aged 15-24(a)	225.5	41.5	267.0	530.9	397.8	400.1	797.9
Other child of married-couple or other family head	995.9	110.0	1,105.9	98.0	735.7	468.3	1,203.9
Other relative of married-couple or other family head	83.9	10.5	94.4	130.5	88.3	136.7	225.0
Not a member of a family	982.0	76.5	1,058.6	709.1	875.9	891.8	1,767.7
Living alone	450.6	30.1	480.7	595.9	466.1	610.5	1,076.6
Not living alone	531.4	46.5	577.9	113.2	409.8	281.3	691.1
Usual resident of a private dwelling where family status was determined	7,144.4	458.7	7,603.1	4,396.3	5,942.6	6,056.8	11,999.4
Usual resident of a private dwelling where family status was not determined	177.7	10.9	188.6	87.3	121.2	154.7	275.9
Total usual residents of private dwellings	7,322.1	469.6	7,791.7	4,483.6	6,063.8	6,211.5	12,275.3
Visitors to private dwellings	43.0	6.1	49.1	55.7	47.0	57.9	104.8
Persons enumerated in non-private dwellings	123.7	12.9	136.6	313.5	209.0	241.1	450.1
Total	7,488.8	488.6	7,977.4	4,852.8	6,319.7	6,510.4	12,830.2
PROPORTION OF TOTAL (per cent)							
Member of a family	82.3	78.2	82.0	76.0	80.2	79.3	79.7
Husband or wife	61.4	38.5	60.0	54.0	59.2	56.4	57.7
With children aged 0-14 present	32.8	24.2	32.2	16.5	27.2	25.4	26.3
Without children aged 0-14 present	28.7	14.3	27.8	37.6	32.0	31.0	31.5
With dependents present	37.7	25.7	37.0	19.0	31.2	29.2	30.2
Without dependents present	23.7	12.8	23.0	35.1	28.0	27.1	27.6
Other family head	3.4	6.6	3.6	6.3	1.7	7.5	4.6
With children aged 0-14 present	1.7	4.3	1.8	3.0	0.4	4.0	2.2
Without children aged 0-14 present	1.8	2.3	1.8	3.3	1.2	3.5	2.4
With dependents present	2.2	5.0	2.4	3.3	0.7	4.8	2.7
Without dependents present	1.2	1.6	1.3	3.0	1.0	2.8	1.9
Full-time student aged 15-24(a)	3.0	8.5	3.3	10.9	6.3	6.1	6.2
Other child of married-couple or other family head	13.3	22.5	13.9	2.0	11.6	7.2	9.4
Other relative of married-couple or other family head	1.1	2.2	1.2	2.7	1.4	2.1	1.8
Not a member of a family	13.1	15.7	13.3	14.6	13.9	13.7	13.8
Living alone	6.0	6.2	6.0	12.3	7.4	9.4	8.4
Not living alone	7.1	9.5	7.2	2.3	6.5	4.3	5.4
Usual resident of a private dwelling where family status was determined	95.4	93.9	95.3	90.6	94.0	93.0	93.5
Usual resident of a private dwelling where family status was not determined	2.4	2.2	2.4	1.8	1.9	2.4	2.2
Total usual residents of private dwellings	97.8	96.1	97.7	92.4	95.9	95.4	95.7
Visitors to private dwellings	0.6	1.3	0.6	1.1	0.7	0.9	0.8
Persons enumerated in non-private dwellings	1.7	2.6	1.7	6.5	3.3	3.7	3.5
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) Excludes persons aged 20-24 attending school.

TABLE 47. FAMILY STATUS AND LABOUR FORCE STATUS OF PERSONS AGED 15 AND OVER(a), NOVEMBER 1988

	Employed			Unemployed		Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate	Participation rate
	Full-time workers	Part-time workers	Total	Looking for full-time work	Total					
	- '000 -								- per cent -	
MALES										
Member of a family	3,393.0	254.8	3,647.8	187.2	208.2	3,856.0	1,210.6	5,066.7	5.4	76.1
Husband	2,698.7	120.7	2,819.4	103.6	107.1	2,926.5	812.4	3,738.9	3.7	78.3
With children aged 0-14 present	1,521.0	45.6	1,566.5	65.6	67.5	1,634.0	83.3	1,717.3	4.1	95.1
Without children aged 0-14 present	1,177.7	75.1	1,252.9	38.1	39.6	1,292.5	729.1	2,021.6	3.1	63.9
With dependents present	1,733.7	51.2	1,784.9	68.7	70.7	1,855.6	113.3	1,968.9	3.8	94.2
Without dependents present	965.0	69.5	1,034.5	34.9	36.4	1,070.8	699.1	1,770.0	3.4	60.5
Other family head	65.7	* 3.8	69.6	4.6	5.2	74.8	31.2	106.0	7.0	70.5
With children aged 0-14 present	19.0	* 1.1	20.1	* 1.0	* 1.2	21.3	6.6	27.9	* 5.6	76.4
Without children aged 0-14 present	46.8	* 2.7	49.5	* 3.6	4.0	53.5	24.7	78.1	7.5	68.4
With dependents present	29.9	* 1.4	31.3	* 1.8	* 2.2	33.5	8.3	41.8	* 6.6	80.1
Without dependents present	35.8	* 2.4	38.2	* 2.9	* 3.0	41.2	22.9	64.2	* 7.3	64.3
Full-time student aged 15-24(b)	7.0	91.1	98.0	5.7	19.8	117.9	279.9	397.8	16.8	29.6
Other child of married-couple or other family head	574.7	35.1	609.7	66.9	69.6	679.4	56.3	735.7	10.2	92.3
Other relative of married-couple or other family head	47.0	4.1	51.1	6.3	6.5	57.6	30.7	88.3	11.2	65.2
Not a member of a family	556.6	53.9	610.5	43.0	47.5	658.0	217.9	875.9	7.2	75.1
Living alone	269.6	19.4	288.9	18.5	19.5	308.5	157.6	466.1	6.3	66.2
Not living alone	287.1	34.5	321.6	24.6	27.9	349.5	60.3	409.8	8.0	85.3
Total	3,949.7	308.7	4,258.3	230.2	255.7	4,514.0	1,428.5	5,942.6	5.7	76.0
FEMALES										
Member of a family	1,441.2	1,073.4	2,514.6	112.7	173.9	2,688.5	2,476.5	5,165.0	6.5	52.1
Wife	953.8	825.7	1,779.4	48.4	80.9	1,860.4	1,809.6	3,670.0	4.4	50.7
With children aged 0-14 present	369.8	516.6	886.4	26.9	50.8	937.2	716.1	1,653.3	5.4	56.7
Without children aged 0-14 present	583.9	309.1	893.1	21.5	30.1	923.2	1,093.5	2,016.7	3.3	45.8
With dependents present	450.8	589.2	1,039.9	29.1	55.0	1,094.9	807.6	1,902.5	5.0	57.6
Without dependents present	503.0	236.5	739.5	19.3	26.0	765.5	1,002.0	1,767.5	3.4	43.3
Other family head	118.8	69.9	188.7	17.6	26.9	215.6	274.5	490.0	12.5	44.0
With children aged 0-14 present	55.3	48.4	103.7	11.7	19.6	123.2	137.5	260.7	15.9	47.3
Without children aged 0-14 present	63.5	21.5	85.0	5.9	7.3	92.3	137.0	229.3	7.9	40.3
With dependents present	76.8	56.8	133.6	13.9	22.0	155.6	154.1	309.7	14.2	50.3
Without dependents present	42.0	13.1	55.1	* 3.6	4.8	59.9	120.4	180.3	8.0	33.2
Full-time student aged 15-24(b)	* 2.1	125.4	127.4	4.2	21.7	149.2	250.9	400.1	14.6	37.3
Other child of married-couple or other family head	337.7	48.5	386.2	38.6	40.4	426.5	41.7	468.3	9.5	91.1
Other relative of married-couple or other family head	28.8	4.0	32.8	* 3.9	4.0	36.9	99.8	136.7	11.0	27.0
Not a member of a family	310.3	61.2	371.5	24.8	29.1	400.6	491.2	891.8	7.3	44.9
Living alone	133.2	28.5	161.7	8.4	10.5	172.2	438.3	610.5	6.1	28.2
Not living alone	177.1	32.7	209.8	16.4	18.5	228.4	52.9	281.3	8.1	81.2
Total	1,751.5	1,134.6	2,886.1	137.5	203.0	3,089.1	2,967.7	6,056.8	6.6	51.0
PERSONS										
Member of a family	4,834.2	1,328.2	6,162.4	299.8	382.2	6,544.5	3,687.2	10,231.7	5.8	64.0
Husband or wife	3,652.5	946.4	4,598.8	152.0	188.0	4,786.9	2,622.0	7,408.9	3.9	64.6
With children aged 0-14 present	1,890.8	562.1	2,452.9	92.4	118.3	2,571.2	799.4	3,370.6	4.6	76.3
Without children aged 0-14 present	1,761.7	384.2	2,145.9	59.6	69.7	2,215.6	1,822.7	4,038.3	3.1	54.9
With dependents present	2,184.5	640.4	2,824.8	97.8	125.7	2,950.5	920.9	3,871.4	4.3	76.2
Without dependents present	1,468.0	306.0	1,774.0	54.2	62.3	1,836.3	1,701.2	3,537.5	3.4	51.9
Other family head	184.5	73.7	258.3	22.2	32.1	290.3	305.7	596.0	11.0	48.7
With children aged 0-14 present	74.2	49.5	123.8	12.7	20.8	144.5	144.0	288.6	14.4	50.1
Without children aged 0-14 present	110.3	24.2	134.5	9.5	11.3	145.8	161.7	307.4	7.7	47.4
With dependents present	106.7	58.2	164.9	15.7	24.2	189.2	162.4	351.5	12.8	53.8
Without dependents present	77.8	15.5	93.3	6.5	7.8	101.2	143.3	244.5	7.7	41.4
Full-time student aged 15-24(b)	9.0	216.5	225.5	9.9	41.5	267.0	530.9	797.9	15.6	33.5
Other child of married-couple or other family head	912.4	83.5	995.9	105.5	110.0	1,105.9	98.0	1,203.9	9.9	91.9
Other relative of married-couple or other family head	75.8	8.1	83.9	10.2	10.5	94.4	130.5	225.0	11.1	42.0
Not a member of a family	867.0	115.1	982.0	67.8	76.5	1,058.6	709.1	1,767.7	7.2	59.9
Living alone	402.8	47.8	450.6	26.9	30.1	480.7	595.9	1,076.6	6.3	44.6
Not living alone	464.2	67.2	531.4	40.9	46.5	577.9	113.2	691.1	8.0	83.6
Total	5,701.2	1,443.3	7,144.4	367.7	458.7	7,603.1	4,396.3	11,999.4	6.0	63.4

(a) Civilians who were residents of private dwellings where family status was determined. See Explanatory Notes.

(b) Excludes persons aged 20-24 attending school.

TABLE 48. ALL FAMILIES(a): TYPE OF FAMILY, NUMBER OF FAMILY MEMBERS AND EMPLOYMENT STATUS(b), NOVEMBER 1988 ('000 families)

Number of family members(c)	None employed			One employed			Two or more employed			Total		
	None unemp-loyed	One or more unemp-loyed	Total	None unemp-loyed	One or more unemp-loyed	Total	None unemp-loyed	One or more unemp-loyed	Total	None unemp-loyed	One or more unemp-loyed	Total
MARRIED-COUPLE FAMILIES												
Two	544.5	23.3	567.8	244.6	19.4	264.1	510.3	..	510.3	1,299.4	42.7	1,342.1
Three	39.1	23.7	62.8	230.1	24.4	254.5	395.8	10.9	406.7	665.0	59.0	724.0
Four	22.0	23.4	45.3	271.7	22.5	294.2	598.0	26.9	624.9	891.7	72.8	964.4
Five	8.3	14.4	22.7	130.3	16.0	146.3	282.7	26.1	308.8	421.3	56.5	477.9
Six or more	9.3	8.9	18.2	54.3	7.9	62.2	99.8	12.4	112.2	163.4	29.2	192.6
Total	623.2	93.7	716.9	931.1	90.2	1,021.3	1,886.6	76.3	1,962.9	3,440.8	260.2	3,701.0
OTHER FAMILIES WITH A MALE HEAD												
Two	12.2	* 3.1	15.3	25.3	* 3.0	28.3	28.1	..	28.1	65.6	6.1	71.7
Three	* 2.6	* 1.4	4.0	11.5	* 2.4	13.9	7.9	* 1.4	9.4	22.0	5.2	27.2
Four or more	* 0.8	* 0.0	* 0.8	* 2.7	* 0.1	* 2.8	* 3.0	* 0.4	* 3.5	6.6	* 0.6	7.1
Total	15.6	4.5	20.1	39.5	5.5	45.0	39.0	* 1.9	40.9	94.1	11.9	106.1
OTHER FAMILIES WITH A FEMALE HEAD												
Two	94.0	23.0	117.0	111.2	9.4	120.6	39.2	..	39.2	244.4	32.4	276.8
Three	45.9	11.1	57.0	48.3	5.9	54.2	32.5	* 2.6	35.1	126.7	19.6	146.3
Four	15.0	* 3.0	18.0	15.6	* 2.0	17.7	11.5	* 1.1	12.6	42.1	6.1	48.2
Five or more	8.5	* 2.1	10.6	4.7	* 1.1	5.8	* 3.1	* 0.9	4.1	16.4	4.1	20.4
Total	163.5	39.1	202.6	179.8	18.4	198.2	86.3	4.6	90.9	429.6	62.2	491.8
OTHER FAMILIES: TOTAL												
Two	106.3	26.1	132.3	136.5	12.4	148.9	67.3	..	67.3	310.0	38.5	348.5
Three	48.5	12.5	61.0	59.7	8.3	68.0	40.5	4.0	44.5	148.7	24.8	173.5
Four	15.4	* 3.0	18.4	18.1	* 2.0	20.1	13.8	* 1.6	15.4	47.4	6.6	53.9
Five	6.2	* 1.5	7.8	4.1	* 0.6	4.7	* 2.4	* 0.8	* 3.1	12.7	* 2.9	15.5
Six or more	* 2.7	* 0.5	* 3.2	* 0.9	* 0.6	* 1.5	* 1.4	* 0.2	* 1.6	5.0	* 1.3	6.3
Total	179.1	43.6	222.7	219.3	24.0	243.3	125.4	6.5	131.9	523.8	74.1	597.9
ALL FAMILIES												
Two	650.8	49.4	700.2	381.1	31.8	413.0	577.5	..	577.5	1,609.5	81.2	1,690.7
Three	87.6	36.2	123.8	289.8	32.7	322.5	436.3	14.9	451.2	813.7	83.8	897.5
Four	37.4	26.3	63.7	289.8	24.6	314.4	611.8	28.4	640.2	939.0	79.3	1,018.4
Five	14.5	16.0	30.5	134.4	16.5	151.0	285.1	26.9	312.0	434.0	59.4	493.4
Six or more	12.0	9.4	21.4	55.2	8.6	63.7	101.2	12.6	113.8	168.4	30.5	198.9
Total	802.3	137.3	939.6	1,150.4	114.2	1,264.6	2,011.9	82.8	2,094.7	3,964.6	334.3	4,298.9

(a) See Explanatory Notes for details of exclusions to family tables.

(b) Employment status refers to persons aged 15 and over only.

(c) Of any age.

TABLE 49. ALL FAMILIES(a): TYPE OF FAMILY, NUMBER OF CHILDREN AGED 0-14 PRESENT, NUMBER OF DEPENDENTS PRESENT, AND LABOUR FORCE STATUS(b), NOVEMBER 1988 ('000 families)

	Number of children aged 0-14 present			Number of dependents present			Total
	None	One	Two or more	None	One	Two or more	
NO FAMILY MEMBER EMPLOYED							
Married-couple families	612.2	38.1	66.5	597.7	40.2	79.0	716.9
One or both spouses unemployed(c)	28.0	17.9	37.6	25.3	17.6	40.7	83.5
Husband unemployed, wife unemployed	5.9	4.1	6.9	5.0	4.3	7.7	16.9
Husband unemployed, wife not in the labour force	19.1	13.1	29.6	17.5	12.8	31.4	61.7
Neither spouse unemployed	584.2	20.2	29.0	572.4	22.6	38.3	633.3
Other families	72.0	82.1	68.6	57.2	88.7	76.9	222.7
Family head unemployed	4.1	12.1	6.9	* 1.7	13.7	7.7	23.1
Male head unemployed	* 1.1	* 0.6	* 0.4	* 0.5	* 0.7	* 0.8	* 2.0
Female head unemployed	* 3.0	11.5	6.5	* 1.2	13.0	6.9	21.0
Family head not unemployed	67.9	70.1	61.7	55.4	75.0	69.2	199.7
Male head not in the labour force	12.3	* 3.6	* 2.2	10.9	4.5	* 2.7	18.1
Female head not in the labour force	55.6	66.5	59.5	44.6	70.5	66.5	181.6
All families	684.2	120.2	135.2	654.8	128.9	155.9	939.6
ONE OR MORE FAMILY MEMBERS EMPLOYED							
Married-couple families	1,407.7	579.8	996.6	1,168.8	584.8	1,230.5	2,984.2
One or both spouses unemployed(c)	34.1	21.5	29.7	30.5	17.5	37.2	85.2
Husband employed, wife unemployed	19.0	14.4	24.4	16.3	12.1	29.3	57.7
Husband unemployed, wife employed	8.9	5.5	4.3	8.3	4.3	6.0	18.6
Husband unemployed, wife unemployed	* 1.2	* 0.0	* 0.0	* 1.1	* 0.0	* 0.1	* 1.2
Husband unemployed, wife not in the labour force	4.1	* 1.6	* 0.9	4.0	* 1.0	* 1.6	6.6
Neither spouse unemployed	1,373.6	558.4	966.9	1,138.3	567.3	1,193.3	2,899.0
Husband employed, wife employed	831.9	338.2	533.5	686.0	327.2	690.4	1,703.5
Husband employed, wife not in the labour force	394.6	202.5	420.7	325.5	210.1	482.2	1,017.8
Husband not in the labour force, wife employed	59.0	11.0	9.3	49.9	15.5	14.0	79.4
Husband not in the labour force, wife not in the labour force	88.1	6.7	* 3.5	76.9	14.6	6.7	98.3
Other families	236.9	84.7	53.5	181.7	111.1	82.3	375.1
Family head unemployed	7.4	* 1.1	* 0.6	5.6	* 2.4	* 1.1	9.2
Male head unemployed	* 3.0	* 0.3	* 0.0	* 2.1	* 0.9	* 0.3	* 3.2
Female head unemployed	4.5	* 0.9	* 0.6	* 3.5	* 1.5	* 0.9	6.0
Family head not unemployed	229.4	83.6	52.9	176.1	108.7	81.2	365.9
Male head employed	49.4	11.7	8.2	37.0	19.9	12.5	69.4
Female head employed	85.5	64.4	39.6	54.0	76.3	59.2	189.5
Male head not in the labour force	12.6	* 0.6	* 0.1	12.0	* 0.6	* 0.7	13.3
Female head not in the labour force	81.9	6.9	4.9	73.1	11.9	8.7	93.7
All families	1,644.6	664.6	1,050.1	1,350.6	695.9	1,312.8	3,359.3
TOTAL							
Married-couple families	2,019.9	617.9	1,063.2	1,766.5	625.1	1,309.5	3,701.0
One or both spouses unemployed(c)	62.1	39.4	67.3	55.8	35.1	77.9	168.8
Husband employed, wife unemployed	19.0	14.4	24.4	16.3	12.1	29.3	57.7
Husband unemployed, wife employed	8.9	5.5	4.3	8.3	4.3	6.0	18.6
Husband unemployed, wife unemployed	7.1	4.1	6.9	6.1	4.3	7.8	18.2
Husband unemployed, wife not in the labour force	23.2	14.7	30.5	21.5	13.8	33.0	68.3
Neither spouse unemployed	1,957.8	578.5	995.9	1,710.7	589.9	1,231.6	3,532.3
Husband employed, wife employed	831.9	338.2	533.5	686.0	327.2	690.4	1,703.5
Husband employed, wife not in the labour force	394.6	202.5	420.7	325.5	210.1	482.2	1,017.8
Husband not in the labour force, wife employed	59.0	11.0	9.3	49.9	15.5	14.0	79.4
Husband not in the labour force, wife not in the labour force	672.3	26.8	32.4	649.3	37.2	45.0	731.6
Other families	308.8	166.9	122.1	238.9	199.8	159.2	597.9
Family head unemployed	11.5	13.2	7.5	7.4	16.1	8.8	32.2
Male head unemployed	4.0	* 0.8	* 0.4	* 2.6	* 1.6	* 1.0	5.3
Female head unemployed	7.5	12.3	7.2	4.7	14.5	7.8	27.0
Family head not unemployed	297.3	153.7	114.6	231.6	183.7	150.4	565.6
Male head employed	49.4	11.7	8.2	37.0	19.9	12.5	69.4
Female head employed	85.5	64.4	39.6	54.0	76.3	59.2	189.5
Male head not in the labour force	24.9	4.2	* 2.3	22.9	5.1	* 3.4	31.4
Female head not in the labour force	137.5	73.4	64.5	117.7	82.4	75.2	275.3
All families	2,328.8	784.8	1,185.3	2,005.4	824.8	1,468.6	4,298.9

(a) See Explanatory Notes for details of exclusions to family tables.

(b) Labour force status refers to persons aged 15 and over only.

(c) Includes a small number of families with husband not in the labour force and wife unemployed.

## TECHNICAL NOTE

1. The LFS sample has been redesigned and reselected using information collected in the 1986 Population Census. The new sample was phased in over the period September 1987 to December 1987. For details, see *Information Paper — Labour Force Survey — Sample Design* (6269.0). For more information on sample design estimation procedures and reliability of the estimates for surveys prior to September 1987, reference should be made to the Technical Note in *The Labour Force, Australia, Historical Summary, 1966 to 1984* (6204.0).

### Estimation procedure

2. The labour force estimates are derived from the population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

### Reliability of the estimates

3. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. The *sampling error* is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, are subject to sampling variability; that is, they may differ from the estimates that would have been produced if all dwellings had been included in the surveys. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the estimate that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of sampling variability is the *relative standard error* which is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling, and thus avoids the need to refer also to the size of the estimate.

4. Space does not allow for the separate indication of the standard errors of all estimates in this publication. Standard errors of estimates for the latest month and of estimates of movements since the previous month are shown in Table 1. Standard errors of other estimates and other monthly movements with relative standard errors of 50 per cent or less should be determined by using Tables A and B.

5. The size of the standard error increases with the level of the estimate, so that the larger the estimate the larger is the standard error. However, it should be noted

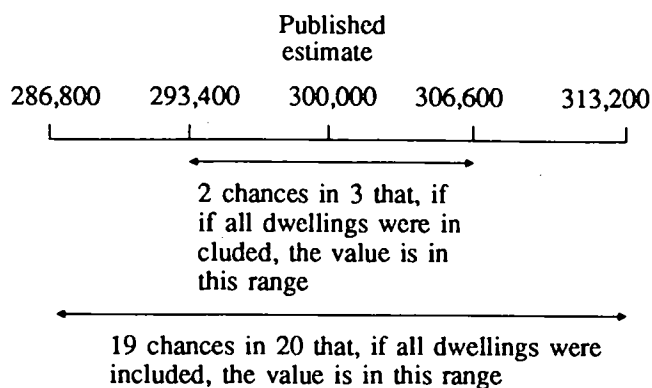
that the larger the sample estimate the smaller will be the standard error in percentage terms. Thus, larger sample estimates will be relatively more reliable than smaller estimates.

6. As the standard errors in Table A show, *the smaller the estimate the higher is the relative standard error*. Very small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this publication, only estimates with relative standard errors of 25 per cent or less, and percentages based on such estimates, are considered sufficiently reliable for most purposes. However, estimates and percentages with larger relative standard errors have been included and are preceded by an asterisk (e.g. \*3.4) to indicate they are subject to high standard errors and should be used with caution. See paragraph 9 concerning the derivation of relative standard errors for some estimates.

7. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. An indication of the magnitude of standard errors of monthly movements is given in Table B. The Estimates of standard error of monthly movements apply only to estimates of movements between two consecutive months. Movements between corresponding months of consecutive quarters (quarterly movements), corresponding months of consecutive years (annual movements) and other non-consecutive months, will generally be subject to somewhat greater sampling variability than is indicated in Table B. Standard errors of *quarterly* movements can be obtained by multiplying the figures in Table A by 1.22. Standard errors of quarterly movements calculated this way will not necessarily agree with those obtained by multiplying the figures in Table B by 1.5, which was the method shown in the June 1985 and previous issues of this publication. This is because Tables A and B are derived independently of each other. Standard errors of all *annual* movements can be obtained by multiplying the figures in Table A by 1.3. When using Table A or Table B to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

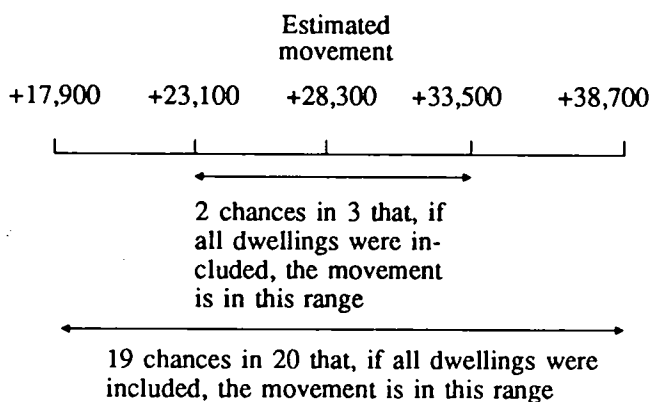
8. Examples of the calculation and use of standard errors are given below:

- (a) From Table A it will be seen that an estimate of 300,000 unemployed males looking for full-time work has a standard error of about 6,600. Therefore there are about two chances in three that the number that would have been obtained if all dwellings had been included in the survey would have been within the range 293,400 to 306,600 and about nineteen chances in twenty that it would have been within the range 286,800 to 313,200.



- (b) Suppose that there is an increase of 28,300 in the number of unemployed males looking for full-time work from one month to the next.

Table B relates the standard error of the monthly movement to the larger of the two estimates from which the movement is derived. In this case, if the larger of the two estimates from which the movement is derived was 300,000, from Table B it will be seen that the standard error of the monthly movement is about 5,200. Therefore there are about two chances in three that if all dwellings had been included in the surveys the movement would have been within the range +23,100 to +33,500 and about nineteen chances in twenty that it would have been within the range +17,900 to +38,700



9. The relative standard errors of estimates of *aggregate hours worked*, *average hours worked*, *average duration of unemployment*, and *median duration of unemployment* are obtained by first finding the relative standard error of the estimate of the total number of persons contributing to the estimate (see Table A) and then multiplying the figure so obtained by the following relevant factors:

Aggregate hours worked: 1.2

Average hours worked: 0.7

Average duration of unemployment: 1.3

Median duration of unemployment: 2.0

The levels at which these and other labour force estimates have a relative standard error of 25 per cent are shown in Table C.

10. An example of the calculation of standard errors by the use of these factors is as follows:

If an estimate of median duration of unemployment for unemployed males is 19 weeks and the number unemployed is estimated as 300,000, from Table A it can be estimated that this figure (300,000) has a standard error of about 6,600 and therefore a relative standard error of about 2.2 per cent. The *relative standard error* of the estimate of median duration of unemployment is calculated by multiplying this figure (2.2) by the appropriate factor shown in the previous paragraph (in this case 2.0):  $2.2 \times 2.0 = 4.4$  per cent. The *standard error* of this estimate of median duration of unemployment is therefore 4.4 per cent of 19, i.e. about 1. Therefore there are about two chances in three that the median duration of unemployment for unemployed males that would have been obtained if all dwellings had been included in the survey would have been within the range 18 to 20 weeks and about nineteen chances in twenty that it would have been within the range 17 to 21 weeks.

11. Proportions and percentages (for example, participation rates) formed from the ratio of two estimates are also subject to sampling error. The size of the error depends on the accuracy of both the numerator and denominator. The formula for the relative standard error (RSE) of a proportion or percentage is given below:

$$RSE(x/y) = \sqrt{[RSE(x)]^2 + [RSE(y)]^2}$$

12. Standard errors contained in Tables A and B are designed to provide an average standard error applicable for all monthly labour force survey estimates. Analysis of the standard errors applicable to particular survey estimates has shown that the standard errors of estimates of employment are generally equivalent to those shown in Tables A and B, while standard errors for unemployment and not in the labour force are approximately 3 per cent and 11 per cent respectively higher than those shown in the tables. Standard errors for capital cities are approximately the same as those for corresponding States. Standard errors of estimates of numbers of families are approximately the same as those for numbers of persons. Standard errors of estimates of persons born in Australia are approximately the same as those shown in Tables A and B. For aggregate estimates of persons born outside Australia the standard errors are about 15 per cent higher. The standard errors vary for individual countries of birth, but are generally less than 10 per cent higher.

13. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by respondents, errors made in collection such as in recording and coding data, and errors made in processing the data. Inaccuracies of this kind are referred to as the *non-sampling error* and they may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

TABLE A. STANDARD ERRORS OF ESTIMATES FROM SEPTEMBER 1987(a)

Size of estimate	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia	
	— number —								per cent of estimate	
300						150				
400						170				
500				250		190		220		
600				270	290	210	280	240		
800			380	320	340	240	320	270	400	49.5
1,000			430	350	380	270	350	300	450	44.9
1,300	590	600	490	400	420	300	390	330	520	39.9
1,500	640	640	530	430	450	320	410	350	560	37.3
1,800	700	700	580	470	490	350	440	380	620	34.3
2,000	730	740	610	490	520	370	460	390	650	32.7
2,500	820	820	680	540	570	410	500	430	740	29.4
3,000	890	900	750	590	620	440	540	460	810	27.0
3,500	960	970	800	630	670	470	570	480	880	25.1
4,000	1,000	1,050	850	670	710	490	600	510	940	23.5
4,500	1,100	1,100	900	700	740	520	630	530	1,000	22.2
5,000	1,150	1,150	950	740	780	540	660	550	1,050	21.1
6,000	1,250	1,250	1,050	800	840	580	700	590	1,150	19.2
10,000	1,550	1,550	1,300	980	1,050	710	850	700	1,500	14.9
20,000	2,100	2,100	1,750	1,300	1,350	920	1,100	870	2,050	10.4
50,000	3,150	3,050	2,550	1,850	1,950	1,250	1,550	1,150	3,150	6.3
100,000	4,150	4,000	3,300	2,350	2,500	1,550	1,950	1,350	4,250	4.2
200,000	5,400	5,100	4,200	2,950	3,150	1,900		1,600	5,600	2.8
300,000	6,400	5,900	4,850	3,350	3,600	2,100			6,600	2.2
500,000	7,700	7,000	5,700	3,900	4,200				8,000	1.6
1,000,000	9,800	8,600	7,100	4,750	5,100				10,400	1.0
2,000,000	12,400	10,600	8,600	5,700	6,200				13,200	0.7
5,000,000	16,700	13,600							17,700	0.4
10,000,000									21,800	0.2

TABLE B. STANDARD ERRORS OF ESTIMATES OF MONTHLY MOVEMENTS FROM DECEMBER 1987 — JANUARY 1988 ONWARDS(a)

Size of larger estimate	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
400						180		190	
500						200	230	210	
600				280	290	210	250	220	
800				310	320	230	280	250	
1,000			490	340	350	250	300	270	
1,300	600		540	370	380	270	340	290	
1,500	640	700	570	390	400	290	360	310	720
1,800	680	740	610	420	430	310	380	330	770
2,000	710	770	630	440	450	320	400	340	800
2,500	780	840	680	470	490	340	440	370	870
3,000	830	890	730	510	520	360	470	390	930
3,500	890	940	770	540	550	380	500	410	980
4,000	930	990	810	560	580	400	530	430	1,050
4,500	980	1,050	850	590	610	420	550	450	1,100
5,000	1,000	1,050	880	610	630	430	580	470	1,100
6,000	1,100	1,150	940	660	670	460	620	500	1,200
10,000	1,350	1,350	1,150	790	810	550	760	600	1,450
20,000	1,750	1,750	1,450	1,050	1,050	700	1,000	760	1,900
50,000	2,500	2,400	2,050	1,450	1,500	960	1,450	1,050	2,650
100,000	3,250	3,100	2,600	1,900	1,900	1,200	1,900	1,350	3,450
200,000	4,250	3,950	3,350	2,450	2,450	1,550		1,700	4,450
300,000	5,000	4,550	3,900	2,850	2,850	1,750			5,200
500,000	6,100	5,400	4,700	3,400	3,450				6,300
1,000,000	8,000	6,900	6,100	4,450	4,450				8,100
2,000,000	10,400	8,900	7,800						10,600
5,000,000	14,900	12,200							14,900
10,000,000									19,300

TABLE C. LEVELS AT WHICH LABOUR FORCE ESTIMATES HAVE A RELATIVE STANDARD ERROR OF 25 PER CENT(b) FROM SEPTEMBER 1987 (a)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
Estimates classified by—									
Aggregate hours worked	6,300	6,300	4,300	2,800	3,500	1,800	2,400	2,000	5,800
Average hours worked	2,300	2,300	1,500	1,000	1,300	700	1,000	800	1,900
Average duration of unemployment	7,300	7,300	5,000	3,200	4,000	2,100	2,800	2,300	6,800
Median duration of unemployment	16,000	15,700	10,800	6,900	8,500	4,800	5,600	4,600	15,700
All other estimates	4,500	4,500	3,000	2,000	2,500	1,300	1,800	1,500	4,000

(a) For standard errors, etc. for earlier periods, see previous issues of this publication. (b) See paragraph 9 of this Technical Note.

# SUPPLEMENTARY AND SPECIAL SURVEYS RELATING TO THE LABOUR FORCE

Although emphasis in the population survey is placed on the regular collection of data on demographic and labour force characteristics, supplementary and special surveys of particular aspects of the labour force are carried out from time to time. The results of these surveys on labour force and related topics are published separately as shown below.

<i>Title of Publication</i>	<i>Catalogue No.</i>
Alternative Working Arrangements, Australia, March to May 1982, September to November 1986	6341.0
Annual and Long Service Leave Taken, Australia, May 1983 to April 1984	6317.0
Assisted and Unassisted Migrants, August 1972; March 1980	3406.0
Career Paths of Persons with Trade Qualifications, Australia, September to November 1982	6243.0
Child Care—May 1969, 1973, 1977; June 1980; November 1984	4402.0
Preliminary, June 1987	4401.0
Educational Experience and Intentions Survey, Australia, 1979	4212.0
Employed Married Women in the Labour Force, November 1979 (Queensland)	6203.3
Employment Benefits. Annually. Latest issue August 1987	6334.0
Summary, August 1988	6332.0
Employment Status of Teenagers, August 1978(a)	6234.0
Evening and Night Work, November 1976	6329.0
Frequency of Pay, August 1974, 1976 and 1977	6320.0
Income Distribution Survey, Australia, Preliminary Results, 1986	6545.0
Job Search Experience of Unemployed Persons, Australia. Two-yearly. Latest issue July 1988	6222.0
Job Tenure. Latest issue August 1976	6211.0
Journey to Work and Journey to School, May 1970; August 1974	9205.0
Labour Force Experience. Annually. Latest issue February 1988	6206.0
Labour Force Status and Educational Attainment, Australia. Annually. Latest issue February 1988	6235.0
Labour Force Status and Other Characteristics of Families. Annually. Latest issue June 1988	6224.0
Labour Force Status and Other Characteristics of Migrants, Australia, March 1987 (previously: Characteristics of Migrants Aged 18 Years and Over at Time of Arrival and who Arrived after 1960)	6250.0
Labour Mobility. Annually. Latest issue February 1988	6209.0
Migrants in the Labour Force, 1972 to 1976(a)	6230.0
Multiple Jobholding. Two-yearly. Latest issue August 1987	6216.0
Persons Retired from Full-time Work, Australia, September 1983	6238.0
Persons Who Intended to Retire from Full-time Work, Australia, September 1984	6258.0
Persons Aged 15 to 64 Years: Employment Status and Period Since Leaving School, May 1976	6225.0
Persons Not in the Labour Force, Australia. Twice-yearly. Latest issue March 1988	6220.0
Summary, September 1988	6219.0
Persons Who Had Re-entered the Labour Force, Australia, May 1985, May 1987	6264.0
Persons Who Have Left the Labour Force, Australia, November 1985	6267.0
Post School Qualifications of Tradesmen and Other Employed Persons, New South Wales, November 1979	6202.1
Retirement and Retirement Intentions, Australia, November 1986 (previously: Persons Retired from Full-time Work)	6238.0
School Leavers, 1970 to 1974: Their Employment Status and Education Experience in May 1975	6226.0
Successful and Unsuccessful Job Search Experience, (previously: Methods of Obtaining Jobs) June 1986	6245.0
Superannuation, Australia, February 1974; September to November 1982	6319.0
Survey of Persons Registered with the CES as Unemployed, March 1977	6229.0
The Labour Force: Country of Birth and Period of Residence, February 1972	6207.0
Trade Union Members, November 1976, March-May 1982, August 1986	6325.0
Transition From Education to Work. Annually. Latest issue May 1988	6227.0
Underemployed Workers, May 1988	6265.0
Weekly Earnings of Employees (Distribution). Annually. Latest issue August 1987	6310.0
Summary, August 1988	6309.0
Work Patterns of Employees, November 1976	6328.0
Working Conditions, February-May 1979	6335.0
Working Hours Arrangements, Australia, February-May 1981	6338.0
Working Hours Arrangements—Supplementary Tables, Australia, February-May 1981	6339.0

(a) Estimates derived from labour force surveys. For more recent estimates, see the relevant tables in this publication.





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